



# 17796 - Tracing the mass-loss history from type II supernova explosions back through the red supergiant phase.

Cycle: 32, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

## INVESTIGATORS

<i>Name</i>	<i>Institution</i>
<b>Prof. Stefano Valenti (PI) (Contact)</b>	<b>University of California - Davis</b>
Prof. David J. Sand (CoI)	University of Arizona
Dr. Kyra Azalee Bostroem (CoI)	University of Arizona
Dr. Peter J. Brown (CoI)	Texas A & M University
Dr. Jennifer Andrews (CoI)	NOIRLab - Gemini North (HI)
Dr. Yize Dong (CoI)	Center for Astrophysics   Harvard & Smithsonian
Prof. Griffin Hosseinzadeh (CoI)	University of California - San Diego
Dr. Saurabh W. Jha (CoI)	Rutgers the State University of New Jersey
Dr. Michael Jon Lundquist (CoI)	California Association for Research in Astronomy (CARA)
Dr. Aravind Pazhayath Ravi (CoI)	University of California - Davis
Emily Hoang (CoI)	University of California - Davis
Ms. Darshana Mehta (CoI)	University of California - Davis
Jeniveve Pearson (CoI)	University of Arizona

## VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
02	(3) TOO-ULTRA-FAINT	WFC3/UVIS	2	02-Dec-2025 12:00:51.0	yes
01	(2) TOO-FAINT	WFC3/UVIS	1	02-Dec-2025 12:00:51.0	yes

Proposal 17796 (STScI Edit Number: 4, Created: Tuesday, December 2, 2025, 12:01:03PM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
23	(14) SN2025TIS	WFC3/UVIS	1	02-Dec-2025 12:00:52.0	yes
18	(8) SN2025ADJ	WFC3/UVIS	1	02-Dec-2025 12:00:52.0	yes
19	(8) SN2025ADJ	WFC3/UVIS	1	02-Dec-2025 12:00:52.0	yes
20	(9) SN2025GVS	WFC3/UVIS	1	02-Dec-2025 12:00:53.0	yes
21	(12) SN2025PHT	WFC3/UVIS	1	02-Dec-2025 12:00:53.0	yes
22	(15) SN2025NGS	WFC3/UVIS	1	02-Dec-2025 12:00:53.0	yes
25	(15) SN2025NGS	WFC3/UVIS	1	02-Dec-2025 12:00:54.0	yes
27	(10) SN2025NGI	WFC3/UVIS	1	02-Dec-2025 12:00:54.0	yes
03	(1) TOO-BRIGHT	WFC3/UVIS	1	02-Dec-2025 12:00:55.0	yes
07	(7) SN2024ABBV	WFC3/UVIS	1	02-Dec-2025 12:00:55.0	yes
05	(4) SN2024ABFL	WFC3/UVIS	1	02-Dec-2025 12:00:56.0	yes
06	(5) SN2024AEEEE	WFC3/UVIS	1	02-Dec-2025 12:00:56.0	yes
04	(4) SN2024ABFL	WFC3/UVIS	1	02-Dec-2025 12:00:56.0	yes
08	(8) SN2025ADJ	WFC3/UVIS	1	02-Dec-2025 12:00:57.0	yes
12	(10) SN2025NGI	WFC3/UVIS	1	02-Dec-2025 12:00:58.0	yes
13	(11) SN2025PJX	WFC3/UVIS	1	02-Dec-2025 12:00:58.0	yes
14	(12) SN2025PHT	WFC3/UVIS	1	02-Dec-2025 12:00:59.0	yes
16	(14) SN2025TIS	WFC3/UVIS	1	02-Dec-2025 12:01:00.0	yes
09	(9) SN2025GVS	WFC3/UVIS	1	02-Dec-2025 12:01:00.0	yes
17	(13) SN2025QTT	WFC3/UVIS	1	02-Dec-2025 12:01:00.0	yes
24	(13) SN2025QTT	WFC3/UVIS	1	02-Dec-2025 12:01:01.0	yes
28	(13) SN2025QTT	WFC3/UVIS	1	02-Dec-2025 12:01:01.0	yes
26	(13) SN2025QTT	WFC3/UVIS	1	02-Dec-2025 12:01:02.0	yes
10	(5) SN2024AEEEE	WFC3/UVIS	1	02-Dec-2025 12:01:02.0	yes
11	(7) SN2024ABBV	WFC3/UVIS	1	02-Dec-2025 12:01:02.0	yes

28 Total Orbits Used

## **ABSTRACT**

We are requesting 21 orbits of HST WFC3 UV photometry to observe 10 non-interacting hydrogen rich Supernovae ( SNe II) from 50 to 300 days after explosion. This endeavor aims to yield invaluable insights into the mass loss history preceding the explosion, a phase of stellar evolution notoriously challenging to model. Recent observations of type II supernovae have revealed indications of significant circumstellar medium (CSM) interaction, suggesting red supergiant (RSG) progenitor stars experienced mass loss rates ranging from  $10^{-3}$  to  $10^{-1}$  solar masses in their final years before explosion, significantly higher than the  $10^{-6}$  solar masses per year typically observed in RSGs. To reconcile these findings, it is imperative to investigate mass loss from the progenitor star decades prior to the explosion, a task that requires observations within the 50-300 day timeframe post-explosion. Ultraviolet (UV) observations are the best way to trace CSM interaction via strong MgII emission, as predicted by models. This model's validity has been underscored by recent observations of SN2023ixf in M101 (~6.4 Mpc).

Consequently, this non-disruptive Target of Opportunity (ToO) initiative aims to observe 10 SNe II post-explosion, to extend this investigation beyond a single object to encompass a larger sample of SNe II, thereby broadening our understanding of mass loss in red supergiants through the CSM interaction in typical type II supernovae. Given the limited lifespan of HST, this is the time to advance our knowledge on mass loss in RSG.

## **OBSERVING DESCRIPTION**

We will observe 10 SNe II in between 50 and 300 days after explosion with WFC3+F275W and WFC3+F390W. We will request 2 epochs for each to trace the mass loss rate in the last ~ 10-100 years before explosion.

Any SN II within 100 Mpc (at phase 50-300 days after explosion) will have magnitudes in the range 22-26 in WFC3+F275W and WFC3+F390W filters. We will observe each SN selected at two epochs:

the first epoch will be around 50 days after explosion when the models predict that the Mg ii will start to be visible. The second epoch will be between 100 and 300 days after explosion, since after that the SN may become too faint to be detected.

We will use 3 setups depending on the SN magnitude. Most SN will be in the range 21-22 for the first epoch (50-100 days after explosion) and 23-25 for the second epoch (100-300 days after explosion):

- magnitude range 21-22: We will use a dither pattern with 2 pointings per filter. We will use a 2k x 2k sub-array allowing all 4 short exposures to be stored without losing time for buffer dump. We will request 2 extra exposures with the filter WFC3+F225W

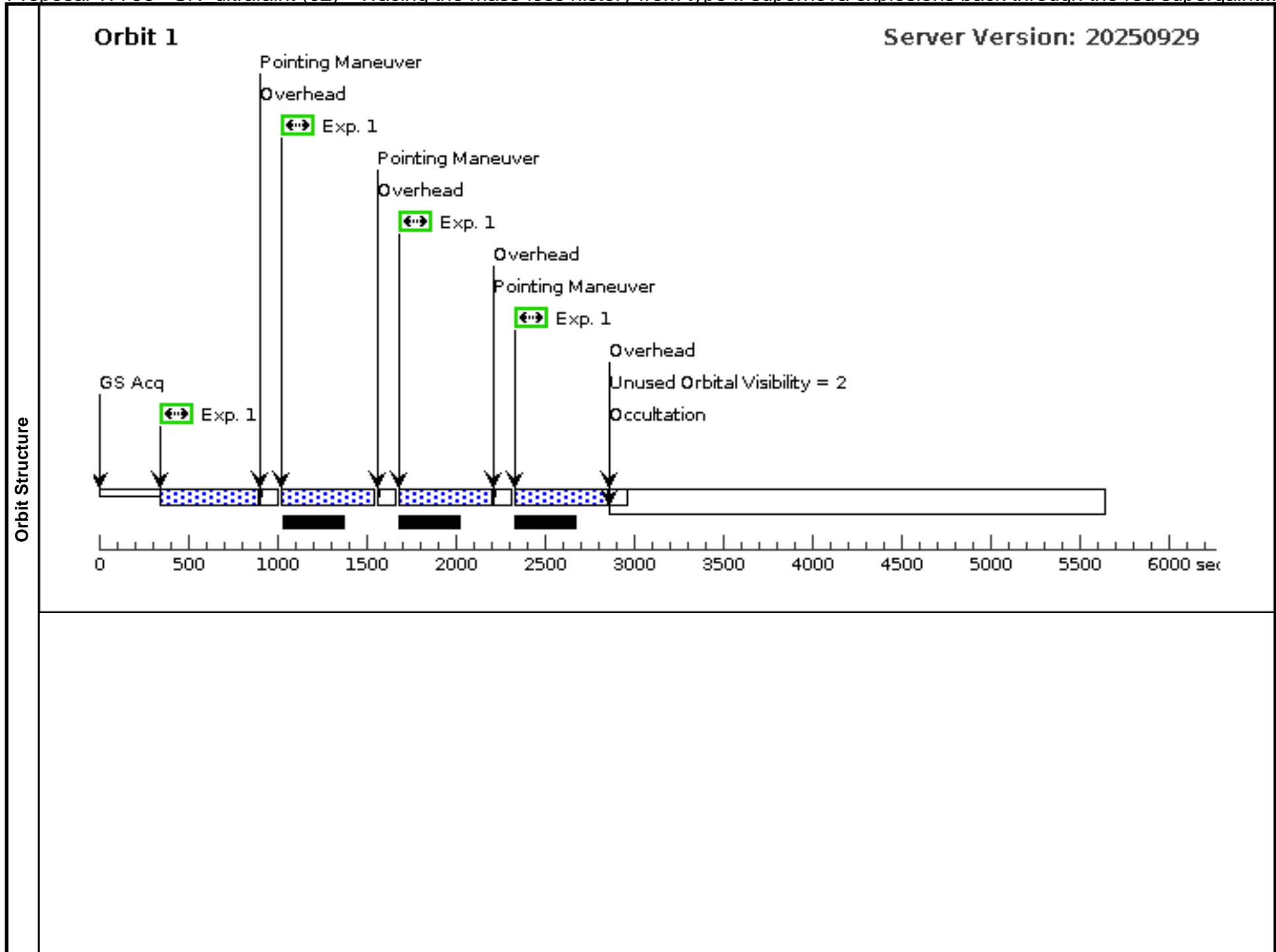
Proposal 17796 (STScI Edit Number: 4, Created: Tuesday, December 2, 2025, 12:01:03PM Eastern Standard Time) - Overview

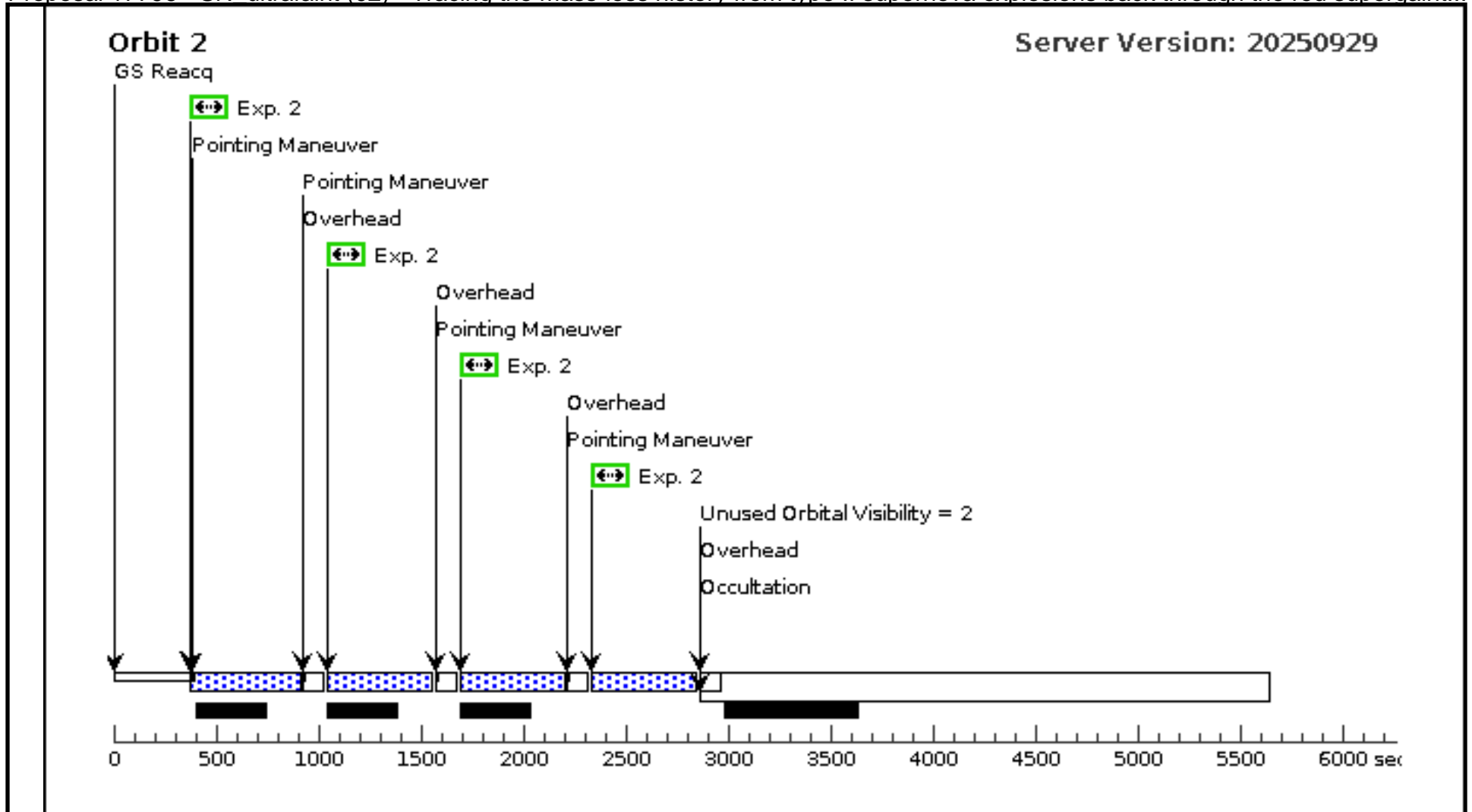
- magnitude range 23-25: We will use a dither pattern with 2 pointings per filter for a total of 4 exposures per orbit. Each exposure will be larger than 348 seconds to avoid losing time for the buffer dump. This strategy will give a S/N of at least 12-15 for the faintest objects. Each visit will be within one orbit and includes both filters. This setup will be use only for ~ 10 triggers.
  
- magnitude range 25-26: We will use a dither pattern with 4 pointings per filter for a total of 4 exposures per orbit. Each exposure will be larger than 348 seconds to avoid losing time for the buffer dump. We will need one orbit per filter. This setup will be use only for one trigger.

Proposal 17796 - SN ultrafaint (02) - Tracing the mass-loss history from type II supernova explosions back through the red supergiant...

Tue Dec 02 17:01:03 GMT 2025

Visit	Proposal 17796, SN_ultrafaint (02), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; TOO RESPONSE TIME 21.0D									
	#	Primary Pattern				Secondary Pattern			Exposures	
Patterns	(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112				Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false			(1), (2)	
Generic Targets	#	Name	Criteria				Description			
	(3)	TOO-ULTRA-FAINT	a SN II 50-300 days after explosion				SUPERNOVA TYPE II			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.193520 8)	(3) TOO-ULTRA-FAINT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN_ultrafaint (02) (2)	400 Secs (2084 Secs)	
									[==>521.0 Secs (Pattern 1)] [==>521.0 Secs (Pattern 2)] [==>521.0 Secs (Pattern 3)] [==>521.0 Secs (Pattern 4)]	[1]
	2	(WFC3UVI S.im.193520 8)	(3) TOO-ULTRA-FAINT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 2, Exps 2-2 in SN_ultrafaint (02) (2)	500 Secs (2064 Secs)	
								[==>516.0 Secs (Pattern 1)] [==>516.0 Secs (Pattern 2)] [==>516.0 Secs (Pattern 3)] [==>516.0 Secs (Pattern 4)]	[2]	

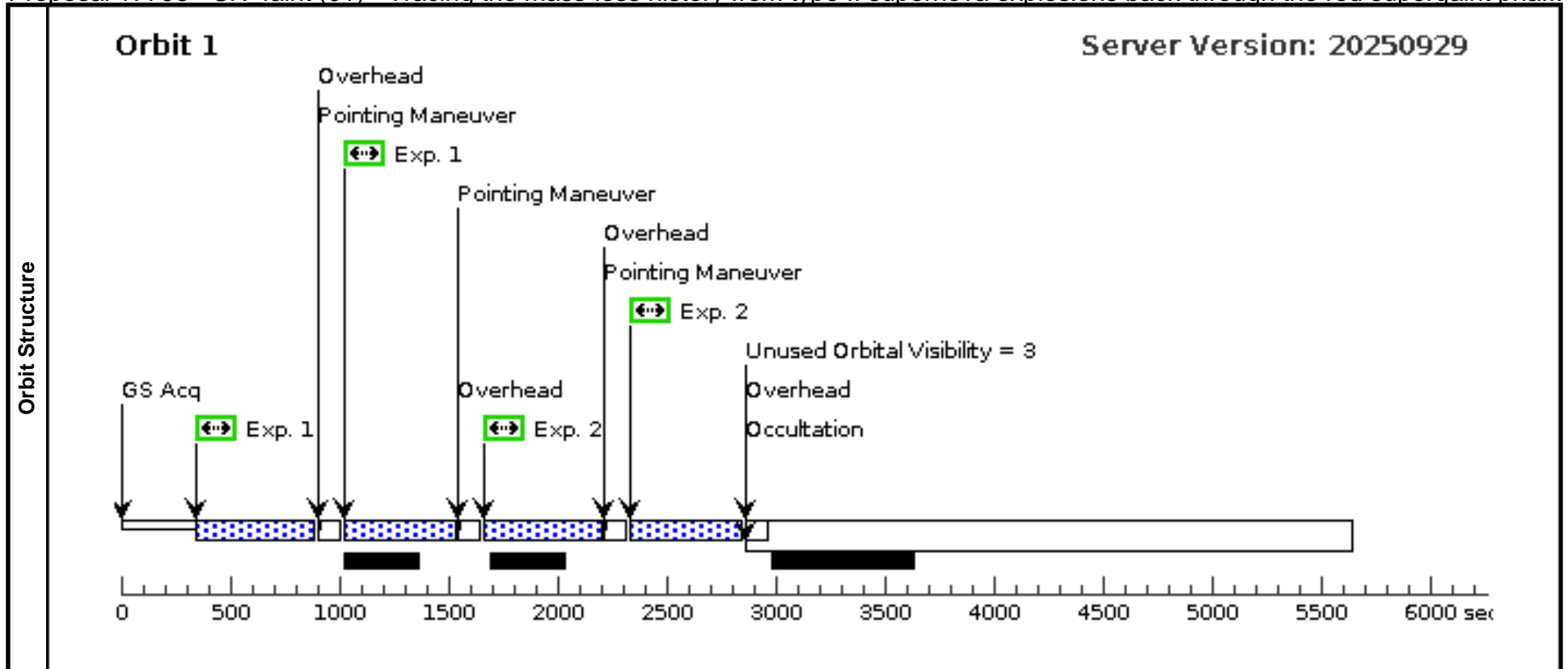




Proposal 17796 - SN faint (01) - Tracing the mass-loss history from type II supernova explosions back through the red supergiant pha...

Tue Dec 02 17:01:03 GMT 2025

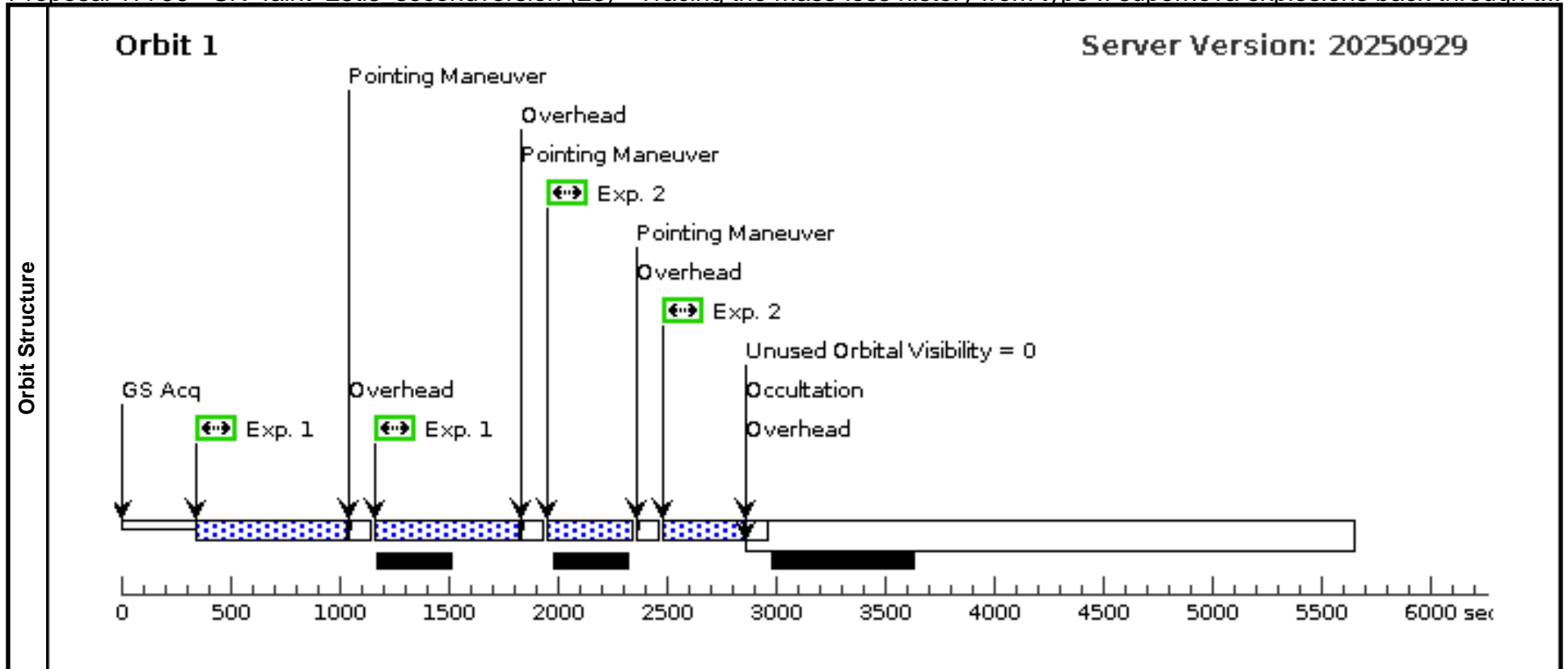
Visit	<b>Proposal 17796, SN_faint (01), implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; TOO RESPONSE TIME 21.0D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1), (2)	
Generic Targets	#	Name	Criteria				Description				
	(2)	TOO-FAINT	a SN II 50-300 days after explosion				SUPERNOVA TYPE II				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(WFC3UVI S.im.1935209)	(2) TOO-FAINT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint (01) (1)	400 Secs (1030 Secs)		
									[=>515.0 Secs (Pattern 1)]		[1]
									[=>515.0 Secs (Pattern 2)]		
2	(WFC3UVI S.im.1935210)	(2) TOO-FAINT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint (01) (1)	400 Secs (1030 Secs)			
								[=>515.0 Secs (Pattern 1)]		[1]	
								[=>515.0 Secs (Pattern 2)]			



Proposal 17796 - SN\_faint\_25tis\_secondversion (23) - Tracing the mass-loss history from type II supernova explosions back through t...

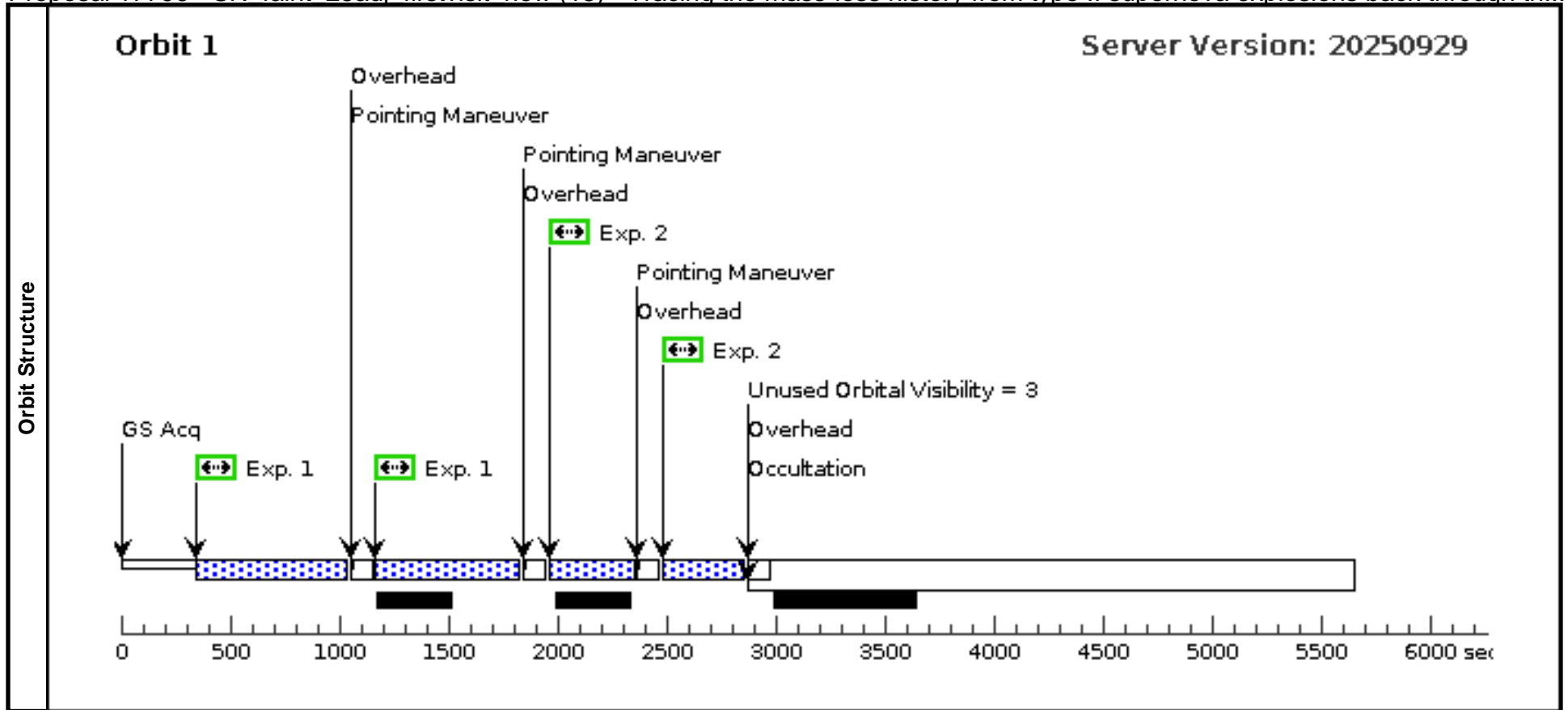
Tue Dec 02 17:01:03 GMT 2025

Visit	<b>Proposal 17796, SN_faint_25tis_secondversion (23), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 21-DEC-2025:00:00:00 AND 31-DEC-2025:00:00:00; TOO RESPONSE TIME 21.0D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(14)	SN2025TIS	RA: 03 55 22.7790 (58.8449125d) Dec: -28 09 32.68 (-28.15908d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=14.74	Reference Frame: ICRS			
	<i>Comments:</i> Category=STAR Description=[SUPERNOVA]										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(WFC3UVI S.im.1935209)	(14) SN2025TIS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_25tis_secondversion (23) (1)	400 Secs (1320 Secs)		
									[=>660 Secs (Pattern 1)]	[=>660 Secs (Pattern 2)]	[1]
2	(WFC3UVI S.im.1935210)	(14) SN2025TIS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_25tis_secondversion (23) (1)	400 Secs (740 Secs)			
								[=>370 Secs (Pattern 1)]	[=>370 Secs (Pattern 2)]	[1]	



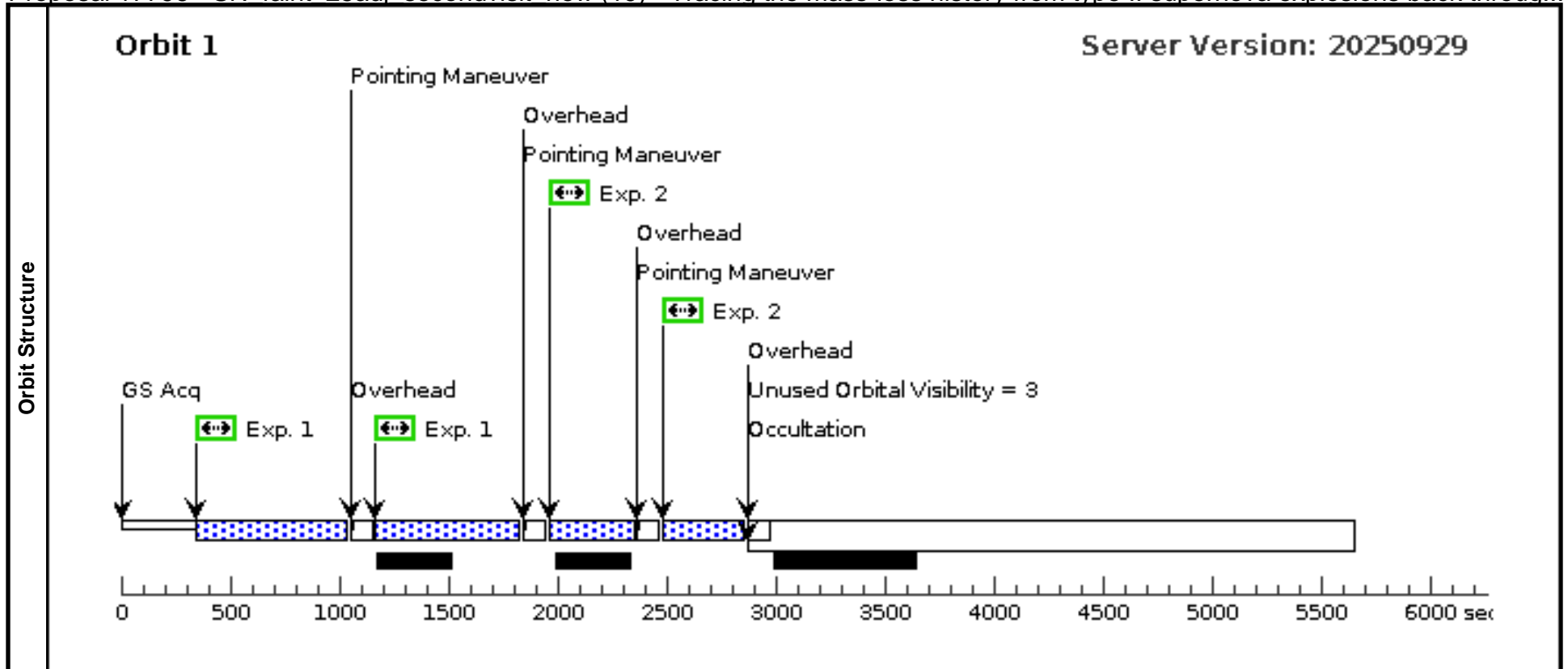
Proposal 17796 - SN faint 25adj firstvisit new (18) - Tracing the mass-loss history from type II supernova explosions back through th...

Visit		<b>Proposal 17796, SN_faint_25adj_firstvisit_new (18), completed</b> <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span>									
Patterns		<b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 05-OCT-2025:00:00:00 AND 30-OCT-2025:00:00:00; TOO RESPONSE TIME 21.0D									
#	Primary Pattern	Secondary Pattern	Exposures								
(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2)								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(8)	SN2025ADJ	RA: 14 59 44.4650 (224.9352708d) Dec: +51 27 47.06 (51.46307d) Equinox: J2000		V=18	Reference Frame: ICRS				
		<i>Comments:</i> Category=STAR Description=[SUPERNOVA] Extended=NO									
Exposures		#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	(WFC3UVI S.im.1935209)	(8) SN2025ADJ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_25adj_firstvisit_new (18) (1)	400 Secs (1324 Secs) [==>662.0 Secs (Pattern 1)] [==>662.0 Secs (Pattern 2)]	[1]
		2	(WFC3UVI S.im.1935210)	(8) SN2025ADJ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_25adj_firstvisit_new (18) (1)	400 Secs (744 Secs) [==>372.0 Secs (Pattern 1)] [==>372.0 Secs (Pattern 2)]	[1]



Proposal 17796 - SN\_faint\_25adj\_secondvisit\_new (19) - Tracing the mass-loss history from type II supernova explosions back through...

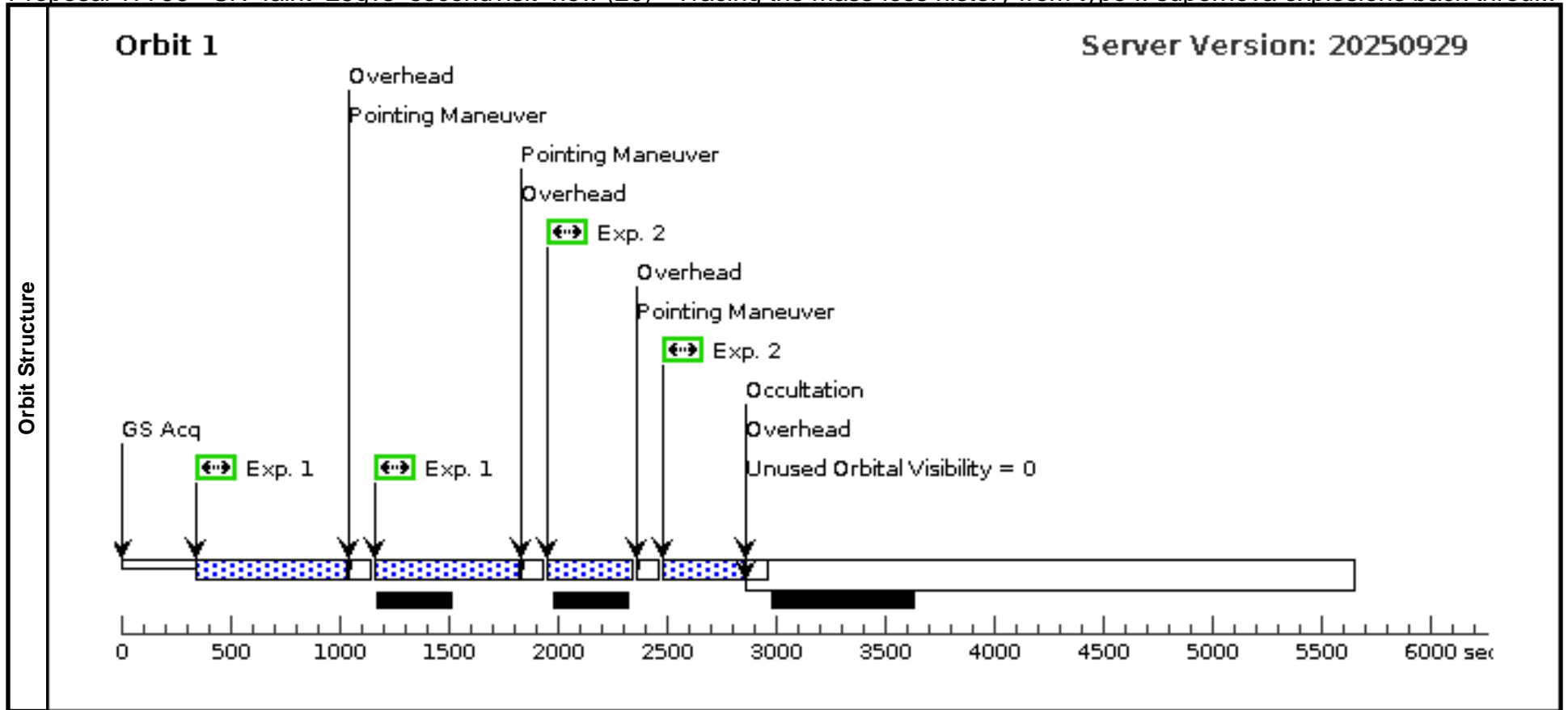
Visit	Proposal 17796, SN_faint_25adj_secondvisit_new (19), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 20-NOV-2025:00:00:00 AND 05-DEC-2025:00:00:00; TOO RESPONSE TIME 21.0D										
Patterns	#	<b>Primary Pattern</b> Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				<b>Secondary Pattern</b>			<b>Exposures</b> (1), (2)		
Fixed Targets	#	<b>Name</b> SN2025ADJ	<b>Target Coordinates</b> RA: 14 59 44.4650 (224.9352708d) Dec: +51 27 47.06 (51.46307d) Equinox: J2000		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b> V=18	<b>Miscellaneous</b> Reference Frame: ICRS  <i>Comments:</i> Category=STAR Description=[SUPERNOVA] Extended=NO			
Exposures	#	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>	
1	(WFC3UVI S.im.1935209)	(8) SN2025ADJ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21	Pattern 1, Exps 1-1 in SN_faint_25adj_secondvisit_new (19) (1)	400 Secs (1324 Secs) [=>662.0 Secs (Pattern 1)] [=>662.0 Secs (Pattern 2)]		[1]		
2	(WFC3UVI S.im.1935210)	(8) SN2025ADJ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14	Pattern 1, Exps 2-2 in SN_faint_25adj_secondvisit_new (19) (1)	400 Secs (744 Secs) [=>372.0 Secs (Pattern 1)] [=>372.0 Secs (Pattern 2)]		[1]		



Proposal 17796 - SN faint 25gvs secondvisit new (20) - Tracing the mass-loss history from type II supernova explosions back throu...

Tue Dec 02 17:01:03 GMT 2025

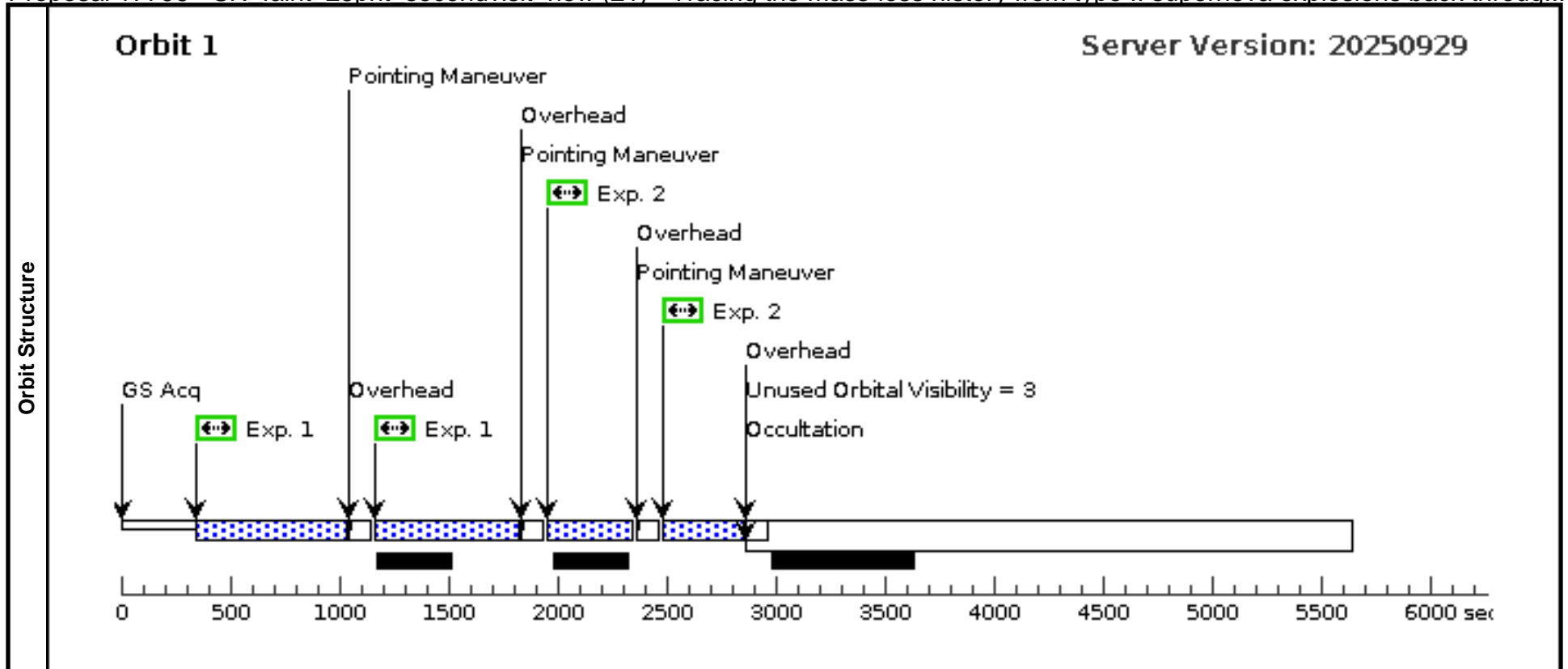
<b>Visit</b>	<b>Proposal 17796, SN_faint_25gvs_secondvisit_new (20), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 17-JAN-2026:00:00:00 AND 03-FEB-2026:00:00:00; TOO RESPONSE TIME 21.0D										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2)		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(9)	SN2025GVS	RA: 15 50 23.3980 (237.5974917d) Dec: +25 55 10.03 (25.91945d) Equinox: J2000				V=18	Reference Frame: ICRS			
Comments: Category=STAR Description=[SUPERNOVA]											
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>		<b>Orbit</b>
	1	(WFC3UVI S.im.193520 9)	(9) SN2025GVS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_25gvs_secondvisit_new (20) (1)	400 Secs (1320 Secs)		
									[==>660.0 Secs (Pattern 1)] [==>660.0 Secs (Pattern 2)]		[1]
2	(WFC3UVI S.im.193521 0)	(9) SN2025GVS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_25gvs_secondvisit_new (20) (1)	400 Secs (740 Secs)			
								[==>370.0 Secs (Pattern 1)] [==>370.0 Secs (Pattern 2)]		[1]	



Proposal 17796 - SN faint\_25pht\_secondvisit\_new (21) - Tracing the mass-loss history from type II supernova explosions back through...

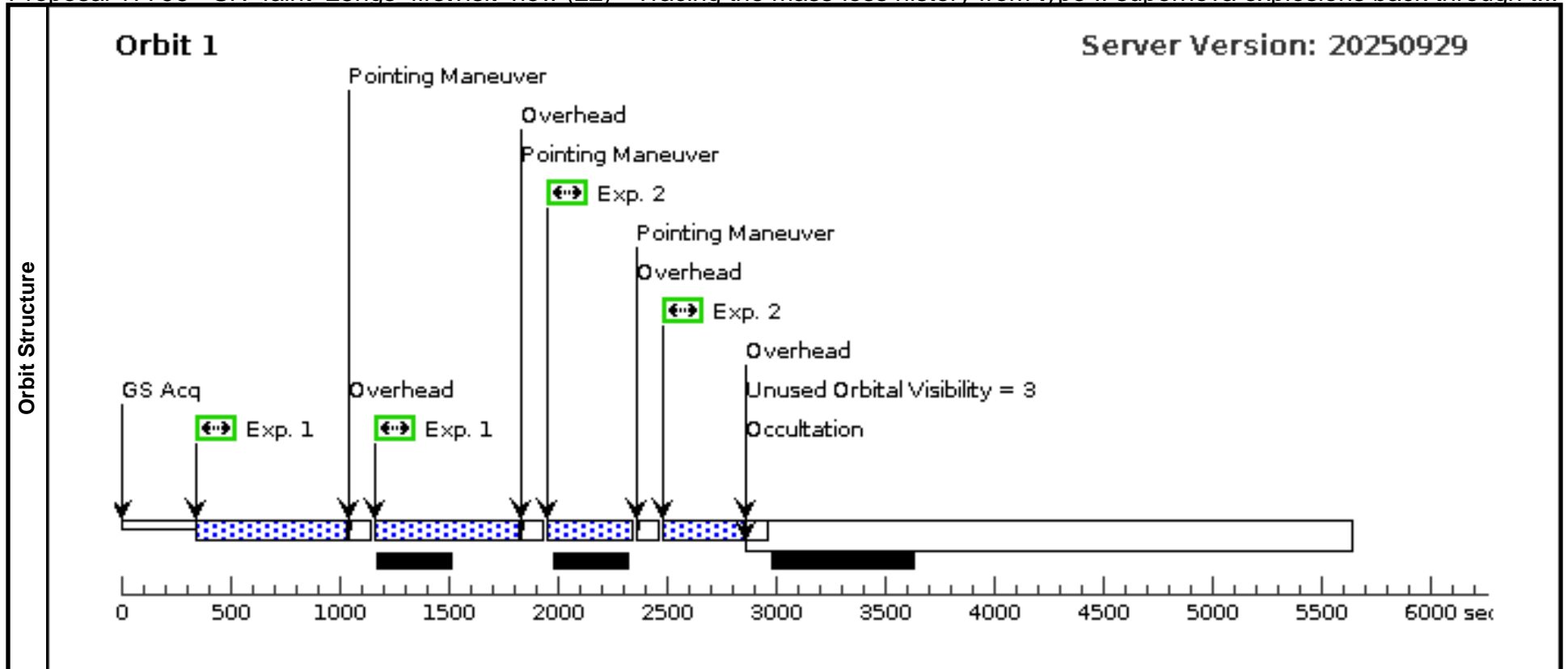
Tue Dec 02 17:01:03 GMT 2025

<b>Visit</b>	Proposal 17796, SN_faint_25pht_secondvisit_new (21), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 17-DEC-2025:00:00:00 AND 27-DEC-2025:00:00:00; TOO RESPONSE TIME 21.0D										
	<b>Patterns</b>	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2)		
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(12)	SN2025PHT	RA: 04 41 28.8610 (70.3702542d) Dec: -02 51 55.61 (-2.86545d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=14.66	Reference Frame: ICRS			
Comments: Category=STAR Description=[SUPERNOVA]											
<b>Exposures</b>	#	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>		<b>Orbit</b>
	1	(WFC3UVI S.im.1935209)	(12) SN2025PHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_25pht_secondvisit_new (21) (1)	400 Secs (1320 Secs)		
									[==>660.0 Secs (Pattern 1)] [==>660.0 Secs (Pattern 2)]		[1]
2	(WFC3UVI S.im.1935210)	(12) SN2025PHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_25pht_secondvisit_new (21) (1)	400 Secs (740 Secs)			
								[==>370.0 Secs (Pattern 1)] [==>370.0 Secs (Pattern 2)]		[1]	



Proposal 17796 - SN faint 25ngs firstvisit\_new (22) - Tracing the mass-loss history from type II supernova explosions back through t...

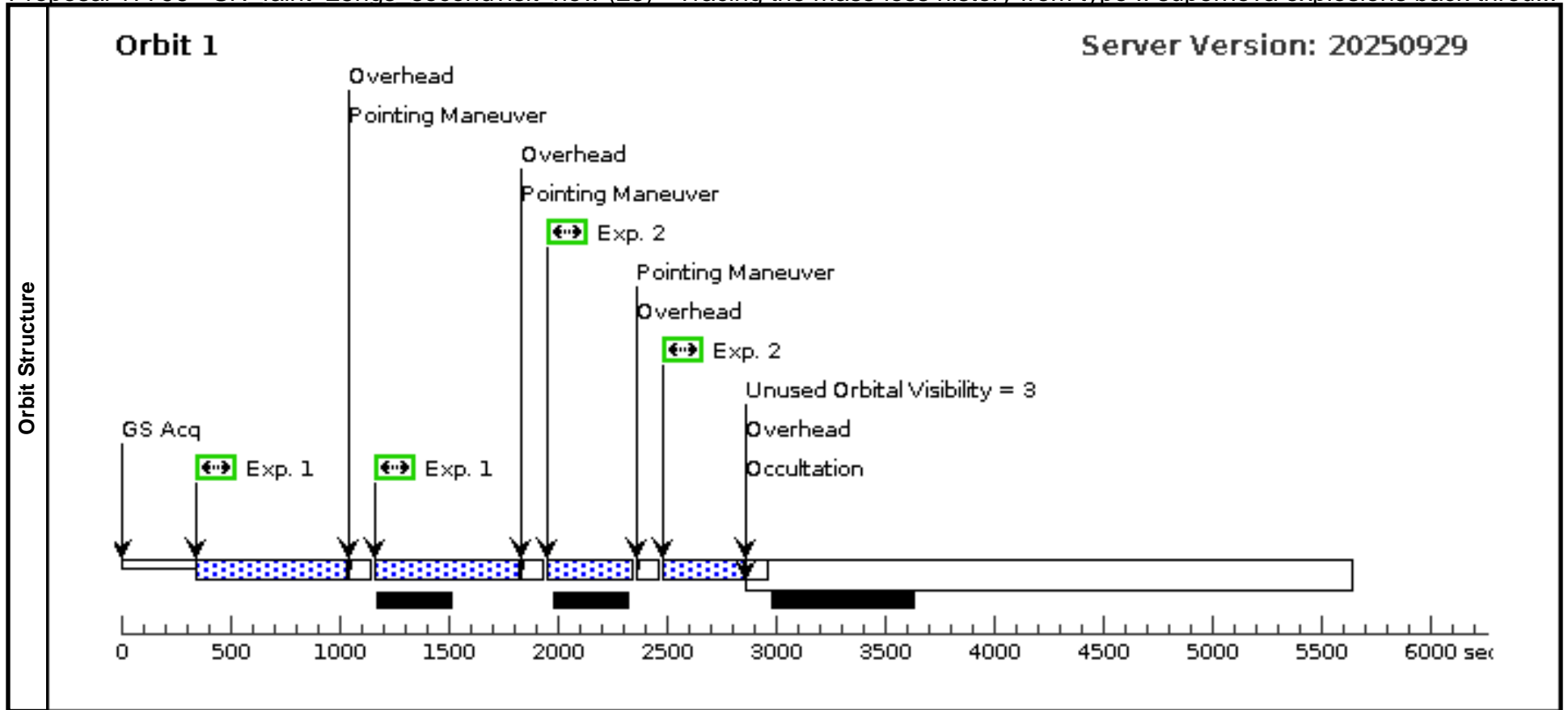
Visit	Proposal 17796, SN_faint_25ngs_firstvisit_new (22), scheduling <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 17-DEC-2025:00:00:00 AND 27-DEC-2025:00:00:00; TOO RESPONSE TIME 21.0D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
Exposures <td data-bbox="142 636 256 880"># <td data-bbox="256 636 415 880">Label (ETC Run) <td data-bbox="415 636 508 880">Target <td data-bbox="508 636 835 880">Config,Mode,Aperture</td> <td data-bbox="835 636 1003 880">Spectral Els.</td> <td data-bbox="1003 636 1192 880">Opt. Params.</td> <td data-bbox="1192 636 1381 880">Special Reqs.</td> <td data-bbox="1381 636 1581 880">Groups</td> <td colspan="2" data-bbox="1581 636 1906 880">Exp. Time (Total)/[Actual Dur.]</td> <td data-bbox="1906 636 2005 880">Orbit</td> </td></td></td>	# <td data-bbox="256 636 415 880">Label (ETC Run) <td data-bbox="415 636 508 880">Target <td data-bbox="508 636 835 880">Config,Mode,Aperture</td> <td data-bbox="835 636 1003 880">Spectral Els.</td> <td data-bbox="1003 636 1192 880">Opt. Params.</td> <td data-bbox="1192 636 1381 880">Special Reqs.</td> <td data-bbox="1381 636 1581 880">Groups</td> <td colspan="2" data-bbox="1581 636 1906 880">Exp. Time (Total)/[Actual Dur.]</td> <td data-bbox="1906 636 2005 880">Orbit</td> </td></td>	Label (ETC Run) <td data-bbox="415 636 508 880">Target <td data-bbox="508 636 835 880">Config,Mode,Aperture</td> <td data-bbox="835 636 1003 880">Spectral Els.</td> <td data-bbox="1003 636 1192 880">Opt. Params.</td> <td data-bbox="1192 636 1381 880">Special Reqs.</td> <td data-bbox="1381 636 1581 880">Groups</td> <td colspan="2" data-bbox="1581 636 1906 880">Exp. Time (Total)/[Actual Dur.]</td> <td data-bbox="1906 636 2005 880">Orbit</td> </td>	Target <td data-bbox="508 636 835 880">Config,Mode,Aperture</td> <td data-bbox="835 636 1003 880">Spectral Els.</td> <td data-bbox="1003 636 1192 880">Opt. Params.</td> <td data-bbox="1192 636 1381 880">Special Reqs.</td> <td data-bbox="1381 636 1581 880">Groups</td> <td colspan="2" data-bbox="1581 636 1906 880">Exp. Time (Total)/[Actual Dur.]</td> <td data-bbox="1906 636 2005 880">Orbit</td>	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1), (2)	
	(15)	SN2025NGS		RA: 15 35 16.6770 (233.8194875d) Dec: +30 51 55.75 (30.86549d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=20.65		Reference Frame: ICRS	
Comments: Category=STAR Description=[SUPERNOVA]											
	1	(WFC3UVI S.im.1935209)	(15) SN2025NGS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_25ngs_firstvisit_new (22) (1)	400 Secs (1320 Secs)		
	2	(WFC3UVI S.im.1935210)	(15) SN2025NGS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_25ngs_firstvisit_new (22) (1)	400 Secs (740 Secs)		
									[=>660.0 Secs (Pattern 1)]	[1]	
									[=>660.0 Secs (Pattern 2)]		
									[=>370.0 Secs (Pattern 1)]	[1]	
									[=>370.0 Secs (Pattern 2)]		



Proposal 17796 - SN faint 25ngs secondvisit new (25) - Tracing the mass-loss history from type II supernova explosions back throu...

Tue Dec 02 17:01:03 GMT 2025

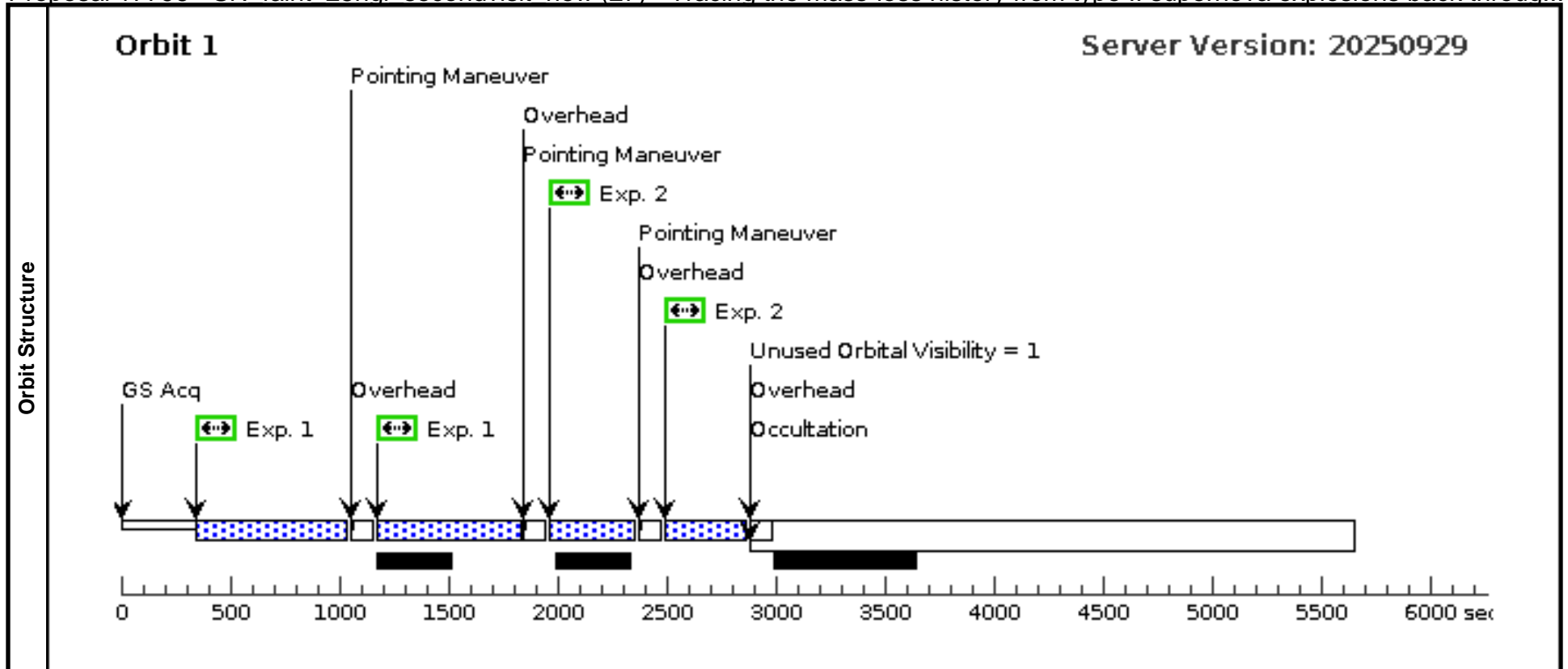
<b>Visit</b>	<b>Proposal 17796, SN_faint_25ngs_secondvisit_new (25), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 01-MAR-2026:00:00:00 AND 30-MAR-2026:00:00:00; TOO RESPONSE TIME 21.0D										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2)		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(15)	SN2025NGS	RA: 15 35 16.6770 (233.8194875d) Dec: +30 51 55.75 (30.86549d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=20.65	Reference Frame: ICRS			
	<i>Comments:</i> Category=STAR Description=[SUPERNOVA]										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>		<b>Orbit</b>
	1	(WFC3UVI S.im.1935209)	(15) SN2025NGS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_25ngs_secondvisit_new (25) (1)	400 Secs (1320 Secs)		
									[==>660.0 Secs (Pattern 1)] [==>660.0 Secs (Pattern 2)]		[1]
2	(WFC3UVI S.im.1935210)	(15) SN2025NGS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_25ngs_secondvisit_new (25) (1)	400 Secs (740 Secs)			
								[==>370.0 Secs (Pattern 1)] [==>370.0 Secs (Pattern 2)]		[1]	



Proposal 17796 - SN faint 25ngi secondvisit new (27) - Tracing the mass-loss history from type II supernova explosions back through...

Tue Dec 02 17:01:03 GMT 2025

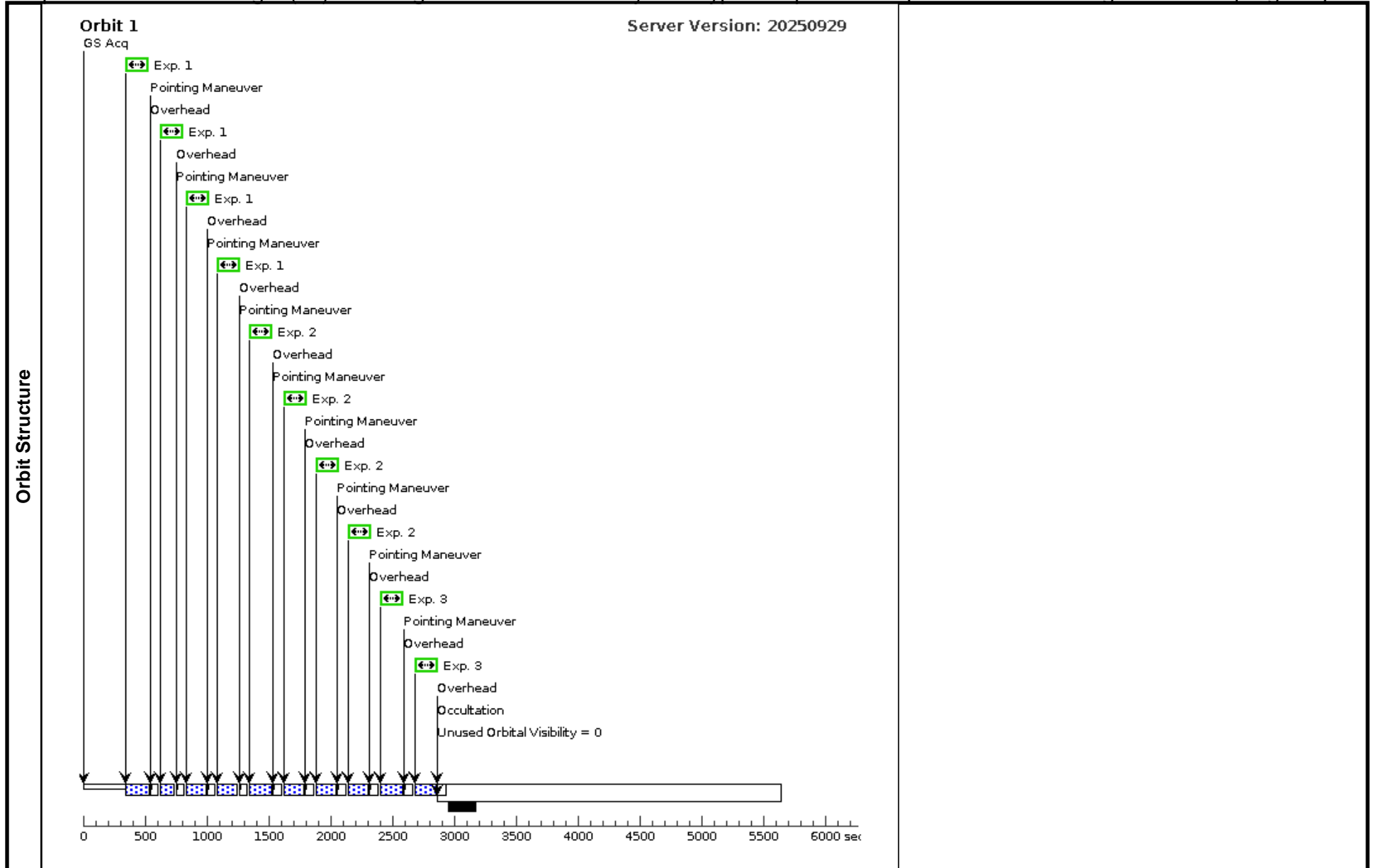
<b>Visit</b>	<b>Proposal 17796, SN_faint_25ngi_secondvisit_new (27), implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 07-MAR-2026:00:00:00 AND 30-MAR-2026:00:00:00; TOO RESPONSE TIME 21.0D										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2)		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(10)	SN2025NGI	RA: 21 12 11.0000 (318.0458333d) Dec: -57 16 17.70 (-57.27158d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=17	Reference Frame: ICRS			
Comments: Category=STAR Description=[SUPERNOVA]											
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>		<b>Orbit</b>
	1	(WFC3UVI S.im.1935209)	(10) SN2025NGI	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_25ngi_secondvisit_new (27) (1)	400 Secs (1328 Secs)		
									[==>664.0 Secs (Pattern 1)] [==>664.0 Secs (Pattern 2)]		[1]
2	(WFC3UVI S.im.1935210)	(10) SN2025NGI	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_25ngi_secondvisit_new (27) (1)	400 Secs (748 Secs)			
								[==>374.0 Secs (Pattern 1)] [==>374.0 Secs (Pattern 2)]		[1]	



Proposal 17796 - SN Bright (03) - Tracing the mass-loss history from type II supernova explosions back through the red supergiant ph...

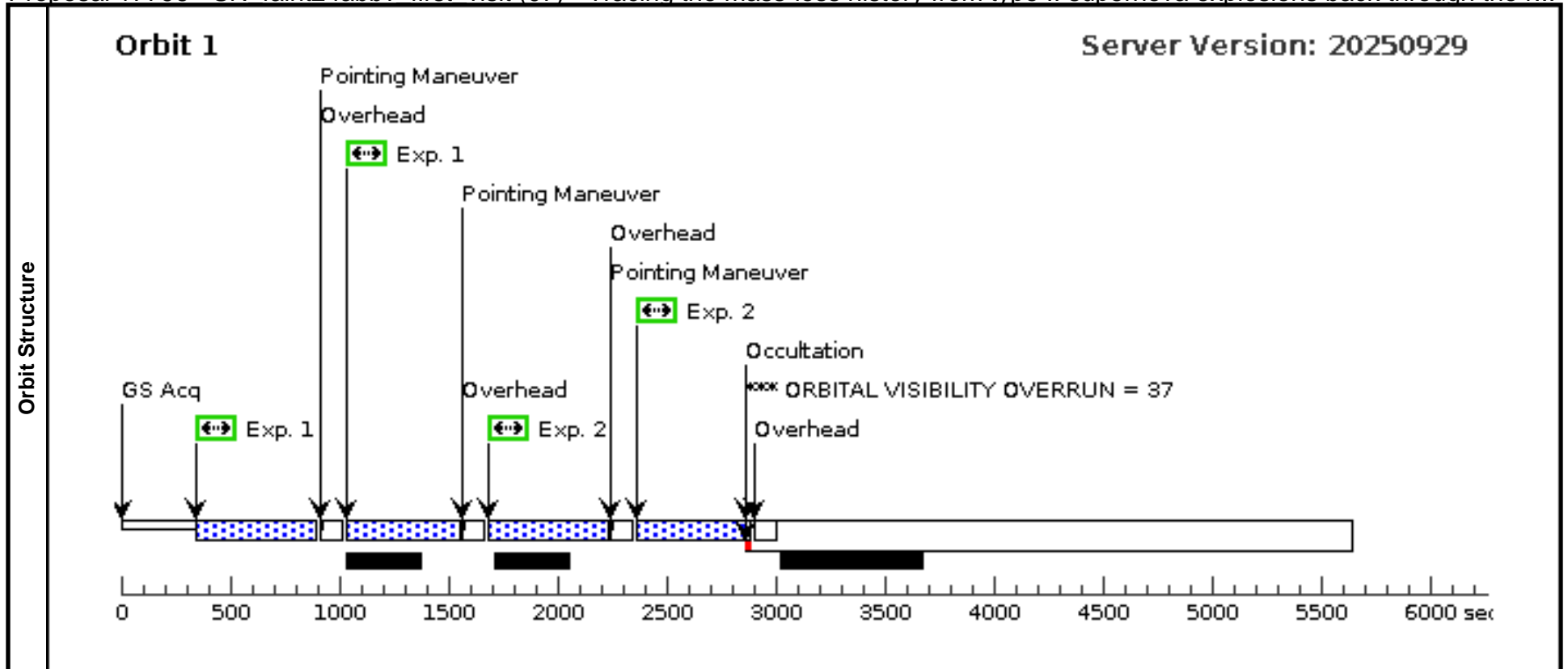
Tue Dec 02 17:01:03 GMT 2025

Visit	<b>Proposal 17796, SN Bright (03), implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; TOO RESPONSE TIME 21.0D									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(3)
	(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1), (2)	
Generic Targets	#	Name	Criteria	Description						
	(1)	TOO-BRIGHT	a SN II 50-300 days after explosion	SUPERNOVA TYPE II						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVIS.im.1935203)	(1) TOO-BRIGHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN Bright (03) (2)	160 Secs (594 Secs) [==>160.0 Secs (Pattern 1)] [==>114.0 Secs (Pattern 2)] [==>160.0 Secs (Pattern 3)] [==>160.0 Secs (Pattern 4)]	[1]
	2	(WFC3UVIS.im.1935205)	(1) TOO-BRIGHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=18		Pattern 2, Exps 2-2 in SN Bright (03) (2)	160 Secs (640 Secs) [==>160.0 Secs (Pattern 1)] [==>160.0 Secs (Pattern 2)] [==>160.0 Secs (Pattern 3)] [==>160.0 Secs (Pattern 4)]	[1]
	3	(WFC3UVIS.im.1935204)	(1) TOO-BRIGHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F225W	FLASH=18		Pattern 1, Exps 3-3 in SN Bright (03) (1)	160 Secs (330 Secs) [==>160.0 Secs (Pattern 1)] [==>170.0 Secs (Pattern 2)]	[1]



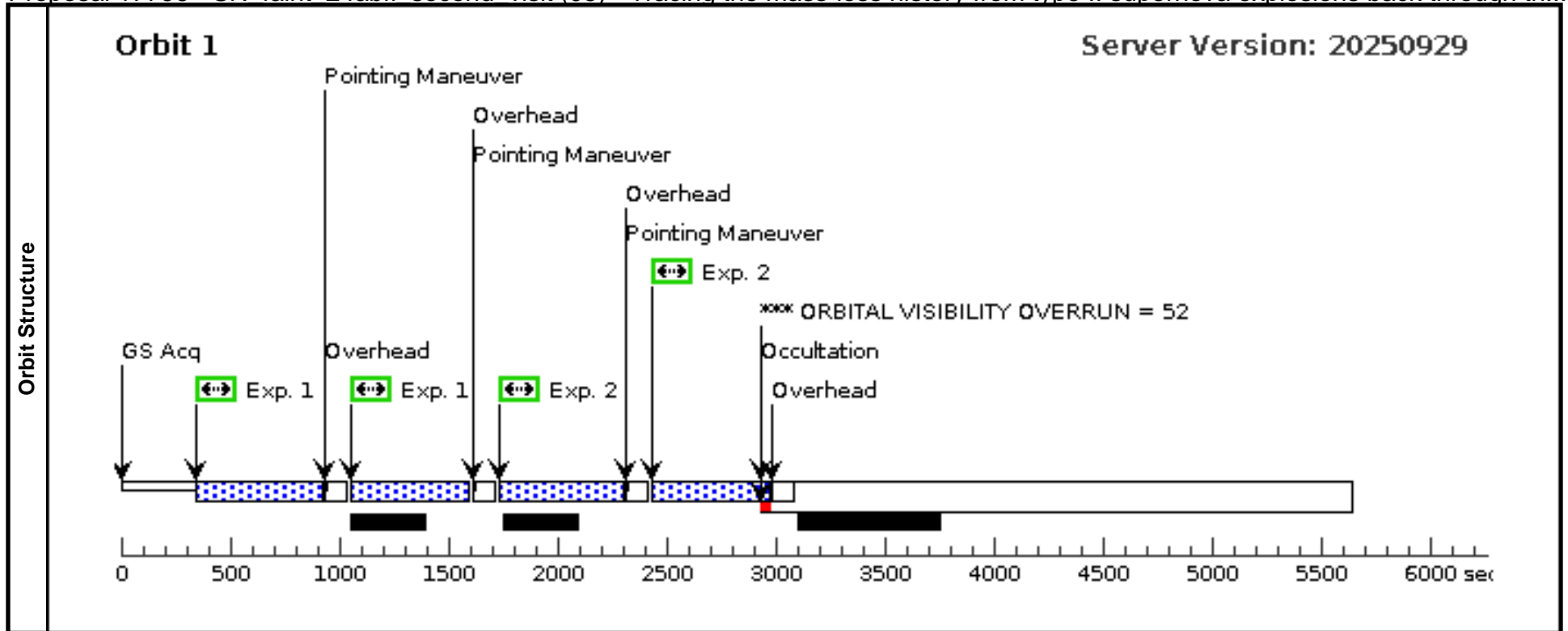
Proposal 17796 - SN faint24abbv first visit (07) - Tracing the mass-loss history from type II supernova explosions back through the r...

<b>Visit</b>	Proposal 17796, SN_faint24abbv_first_visit (07), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 25-MAY-2025:00:00:00 AND 15-JUN-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_faint24abbv_first_visit (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER- Coordinate Frame=POS-TARG LINE Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=					(1), (2)			
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	SN2024ABBV	RA: 00 34 8.9000 (8.5370833d) Dec: -30 46 4.58 (-30.76794d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=17	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[SUPERNOVA] Extended=NO										
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1935209)	(7) SN2024ABBV	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint24abbv_first_visit (07) (1)	400 Secs (1050 Secs) [=>525.0 Secs (Pattern 1)] [=>525.0 Secs (Pattern 2)]	[1]
	2	(WFC3UVI S.im.1935210)	(7) SN2024ABBV	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint24abbv_first_visit (07) (1)	400 Secs (1050 Secs) [=>525.0 Secs (Pattern 1)] [=>525.0 Secs (Pattern 2)]	[1]



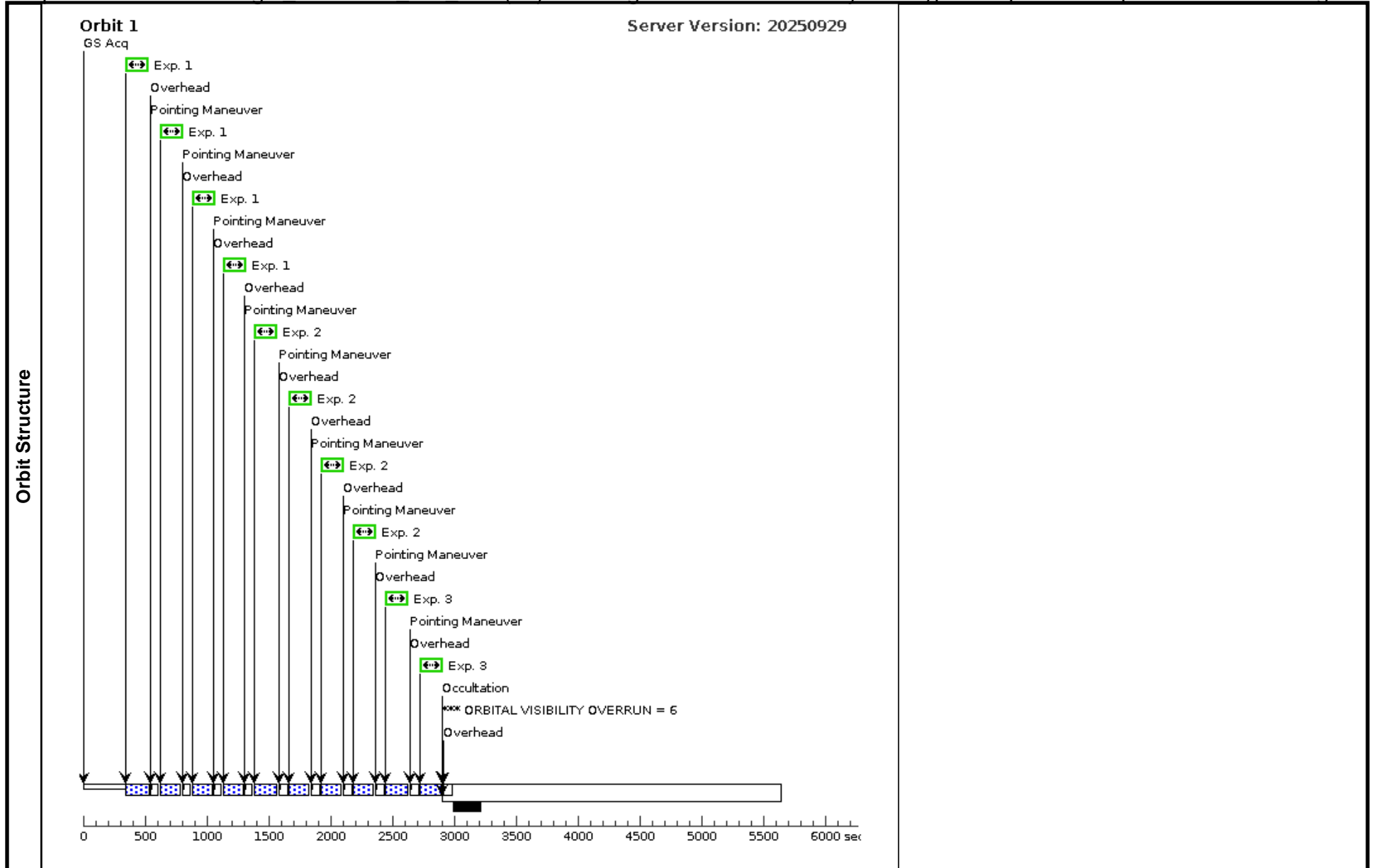
Proposal 17796 - SN faint 24abfl second visit (05) - Tracing the mass-loss history from type II supernova explosions back through th...

<b>Visit</b>	Proposal 17796, SN_faint_24abfl_second_visit (05), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 01-MAR-2025:00:00:00 AND 15-MAY-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_faint_24abfl_second_visit (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER- Coordinate Frame=POS-TARG LINE Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=					(1), (2)			
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	SN2024ABFL	RA: 06 18 1.1330 (94.5047208d) Dec: +78 22 1.48 (78.36708d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=17	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[SUPERNOVA] Extended=NO										
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1935209)	(4) SN2024ABFL	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_24abfl_second_visit (05) (1)	400 Secs (1092 Secs) [==>546.0 Secs (Pattern 1)] [==>546.0 Secs (Pattern 2)]	[1]
	2	(WFC3UVI S.im.1935210)	(4) SN2024ABFL	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_24abfl_second_visit (05) (1)	400 Secs (1092 Secs) [==>546.0 Secs (Pattern 1)] [==>546.0 Secs (Pattern 2)]	[1]



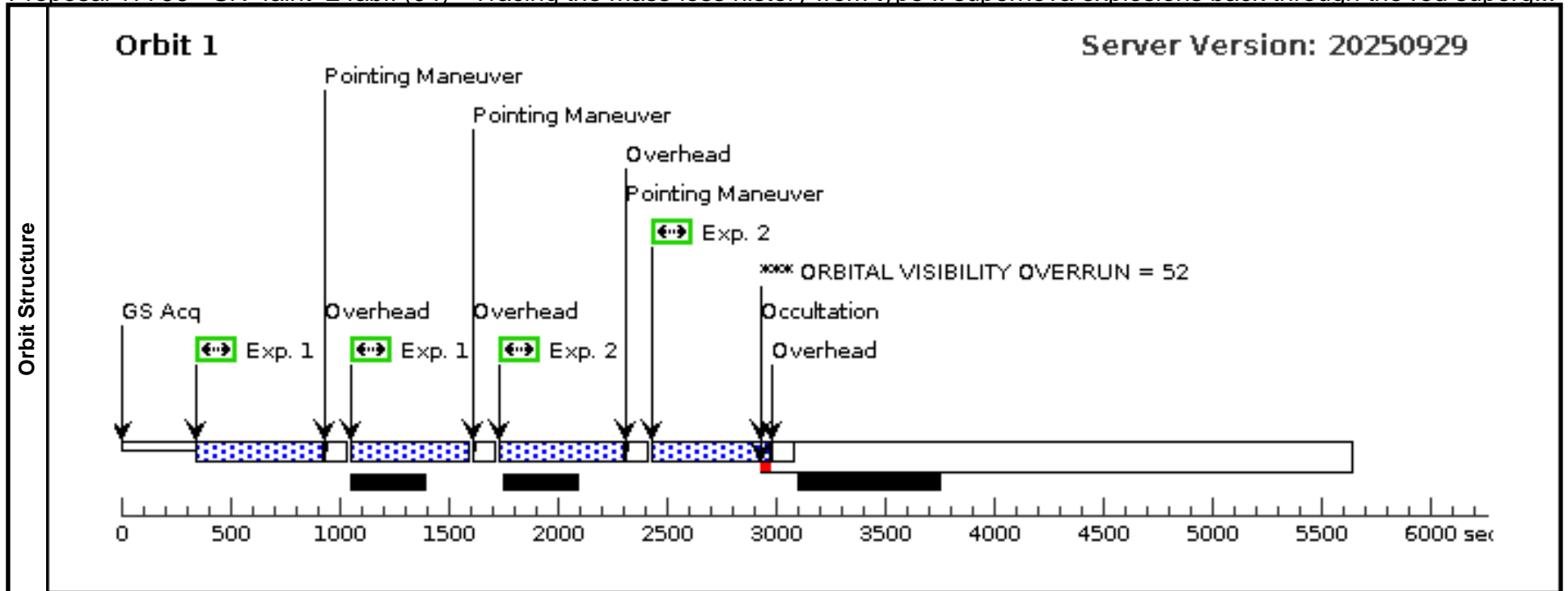
Proposal 17796 - SN Bright 2024ae first visit (06) - Tracing the mass-loss history from type II supernova explosions back through t...

<b>Visit</b>	<b>Proposal 17796, SN Bright_2024ae first visit (06), completed</b> <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span>									
	<b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 20-MAR-2025:00:00:00 AND 10-APR-2025:00:00:00; TOO RESPONSE TIME 21.0D									
<b>Diagnostics</b>	(SN Bright_2024ae first visit (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)					
(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(5)	SN2024AE EEE	RA: 08 14 50.9299 (123.7122079d) Dec: +73 34 43.93 (73.57887d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=18	Reference Frame: ICRS				
<i>Comments:</i> Category=EXT-STAR Description=[SUPERNOVA] Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(WFC3UVI S.im.193520 3)	(5) SN2024AE EEE	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN Bright_2024ae first visit (06) (2)	160 Secs (640 Secs) [==>160.0 Secs (Pattern 1)] [==>160.0 Secs (Pattern 2)] [==>160.0 Secs (Pattern 3)] [==>160.0 Secs (Pattern 4)]	[1]
2	(WFC3UVI S.im.193520 5)	(5) SN2024AE EEE	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=18		Pattern 2, Exps 2-2 in SN Bright_2024ae first visit (06) (2)	160 Secs (640 Secs) [==>160.0 Secs (Pattern 1)] [==>160.0 Secs (Pattern 2)] [==>160.0 Secs (Pattern 3)] [==>160.0 Secs (Pattern 4)]	[1]	
3	(WFC3UVI S.im.193520 4)	(5) SN2024AE EEE	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F225W	FLASH=18		Pattern 1, Exps 3-3 in SN Bright_2024ae first visit (06) (1)	160 Secs (330 Secs) [==>160.0 Secs (Pattern 1)] [==>170.0 Secs (Pattern 2)]	[1]	



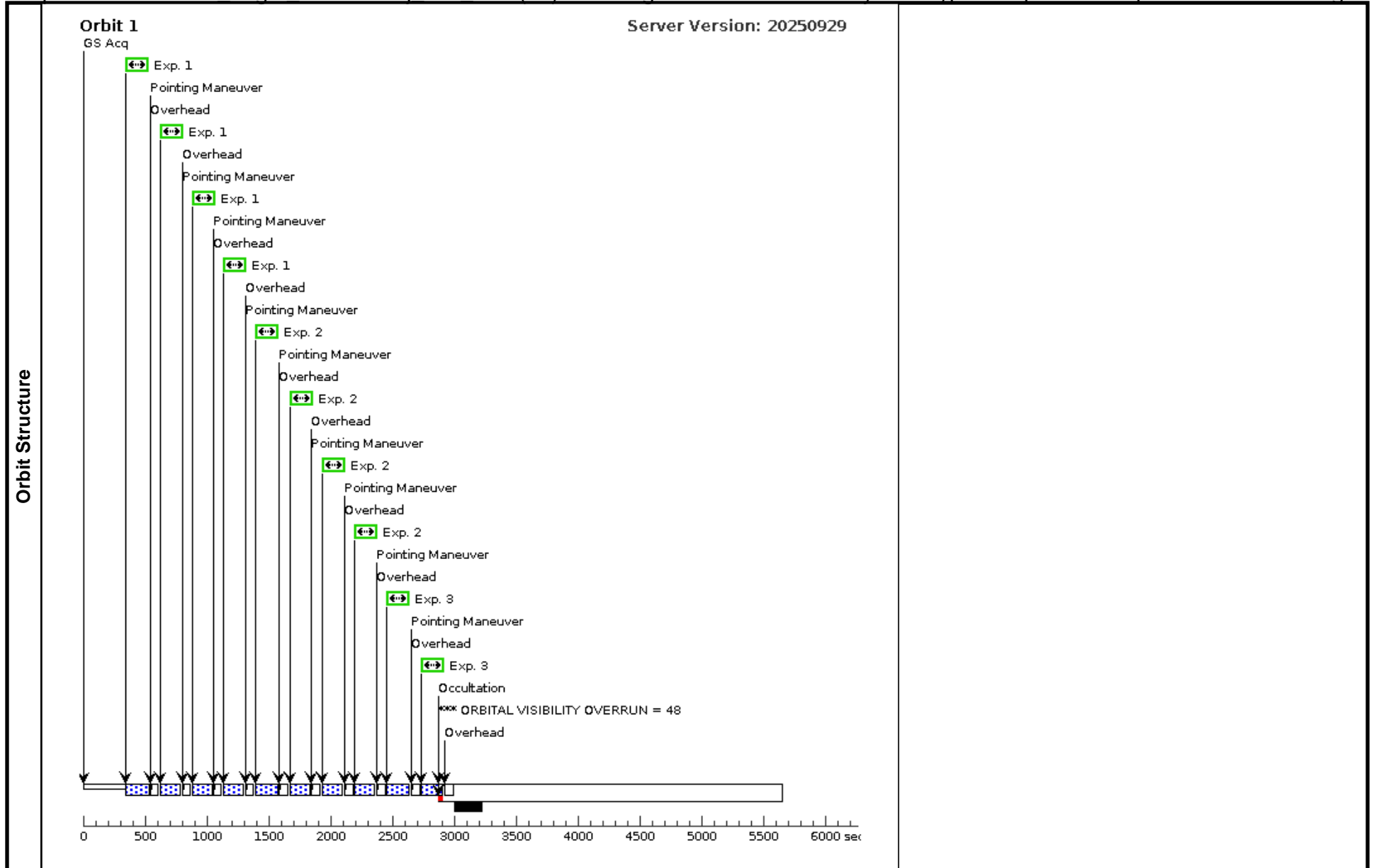
Proposal 17796 - SN faint 24abfl (04) - Tracing the mass-loss history from type II supernova explosions back through the red superg...

<b>Visit</b>	Proposal 17796, SN_faint_24abfl (04), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 22-DEC-2024:00:00:00 AND 01-JAN-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_faint_24abfl (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER- Coordinate Frame=POS-TARG LINE Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=					(1), (2)			
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	SN2024ABFL	RA: 06 18 1.1330 (94.5047208d) Dec: +78 22 1.48 (78.36708d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=17	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[SUPERNOVA] Extended=NO										
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1935209)	(4) SN2024ABFL	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_24abfl (04) (1)	400 Secs (1092 Secs) [=>546.0 Secs (Pattern 1)] [=>546.0 Secs (Pattern 2)]	[1]
	2	(WFC3UVI S.im.1935210)	(4) SN2024ABFL	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_24abfl (04) (1)	400 Secs (1092 Secs) [=>546.0 Secs (Pattern 1)] [=>546.0 Secs (Pattern 2)]	[1]



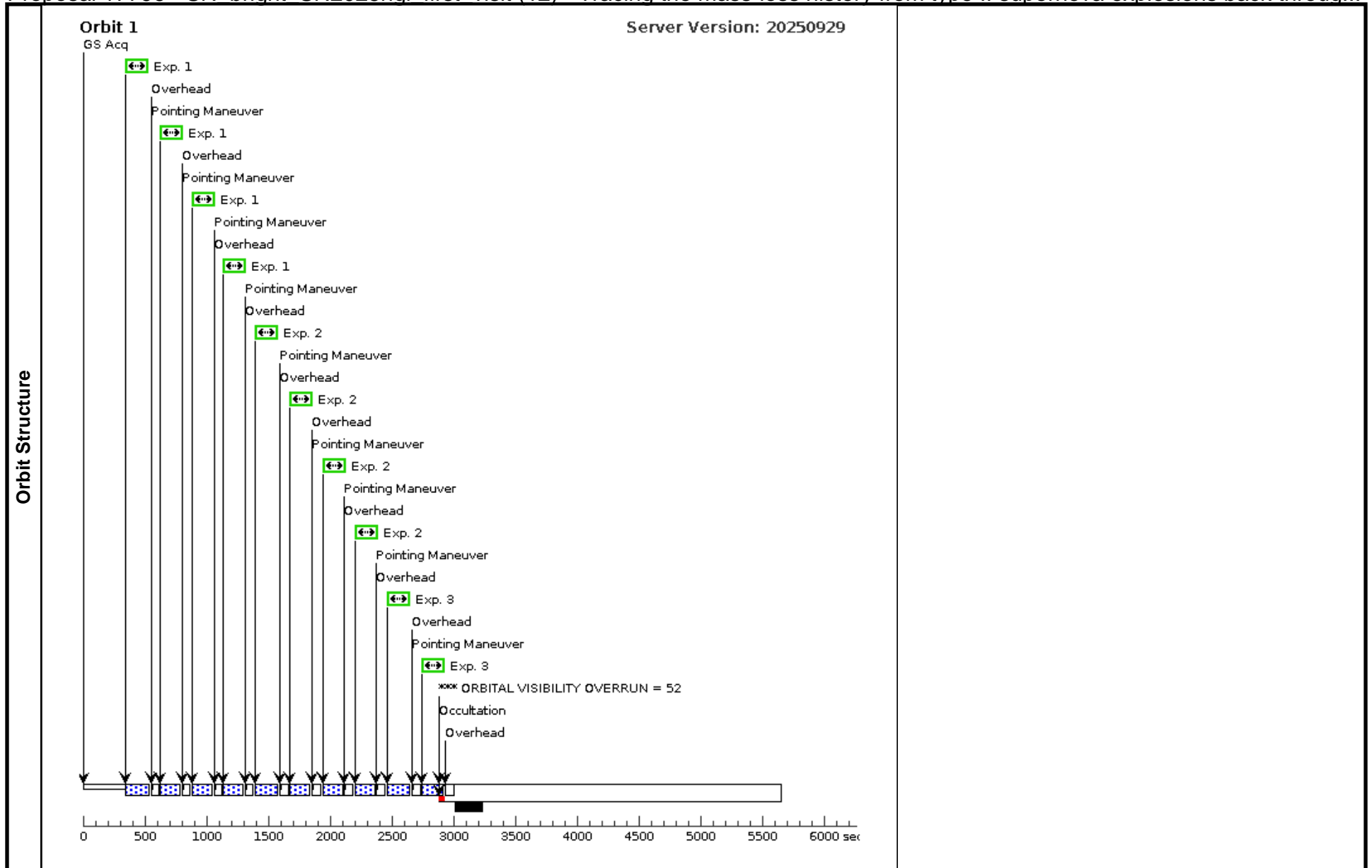
Proposal 17796 - SN\_bright\_SN2025adj\_first\_visit (08) - Tracing the mass-loss history from type II supernova explosions back through...

Visit	<b>Proposal 17796, SN_bright_SN2025adj_first_visit (08), failed</b> <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 12-MAY-2025:00:00:00 AND 10-JUN-2025:00:00:00: TOO RESPONSE TIME 21.0D									
Diagnostics	(SN_bright_SN2025adj_first_visit (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)						
	(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	SN2025ADJ	RA: 14 59 44.4650 (224.9352708d) Dec: +51 27 47.06 (51.46307d) Equinox: J2000		V=18	Reference Frame: ICRS				
Comments: Category=STAR Description=[SUPERNOVA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.193520 3)	(8) SN2025ADJ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN_bright_SN2025adj_first_visit (08) (2)	160 Secs (644 Secs) [==>161.0 Secs (Pattern 1)] [==>161.0 Secs (Pattern 2)] [==>161.0 Secs (Pattern 3)] [==>161.0 Secs (Pattern 4)]	[1]
	2	(WFC3UVI S.im.193520 5)	(8) SN2025ADJ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=18		Pattern 2, Exps 2-2 in SN_bright_SN2025adj_first_visit (08) (2)	160 Secs (644 Secs) [==>161.0 Secs (Pattern 1)] [==>161.0 Secs (Pattern 2)] [==>161.0 Secs (Pattern 3)] [==>161.0 Secs (Pattern 4)]	[1]
	3	(WFC3UVI S.im.193520 4)	(8) SN2025ADJ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F225W	FLASH=18		Pattern 1, Exps 3-3 in SN_bright_SN2025adj_first_visit (08) (1)	160 Secs (332 Secs) [==>161.0 Secs (Pattern 1)] [==>171.0 Secs (Pattern 2)]	[1]



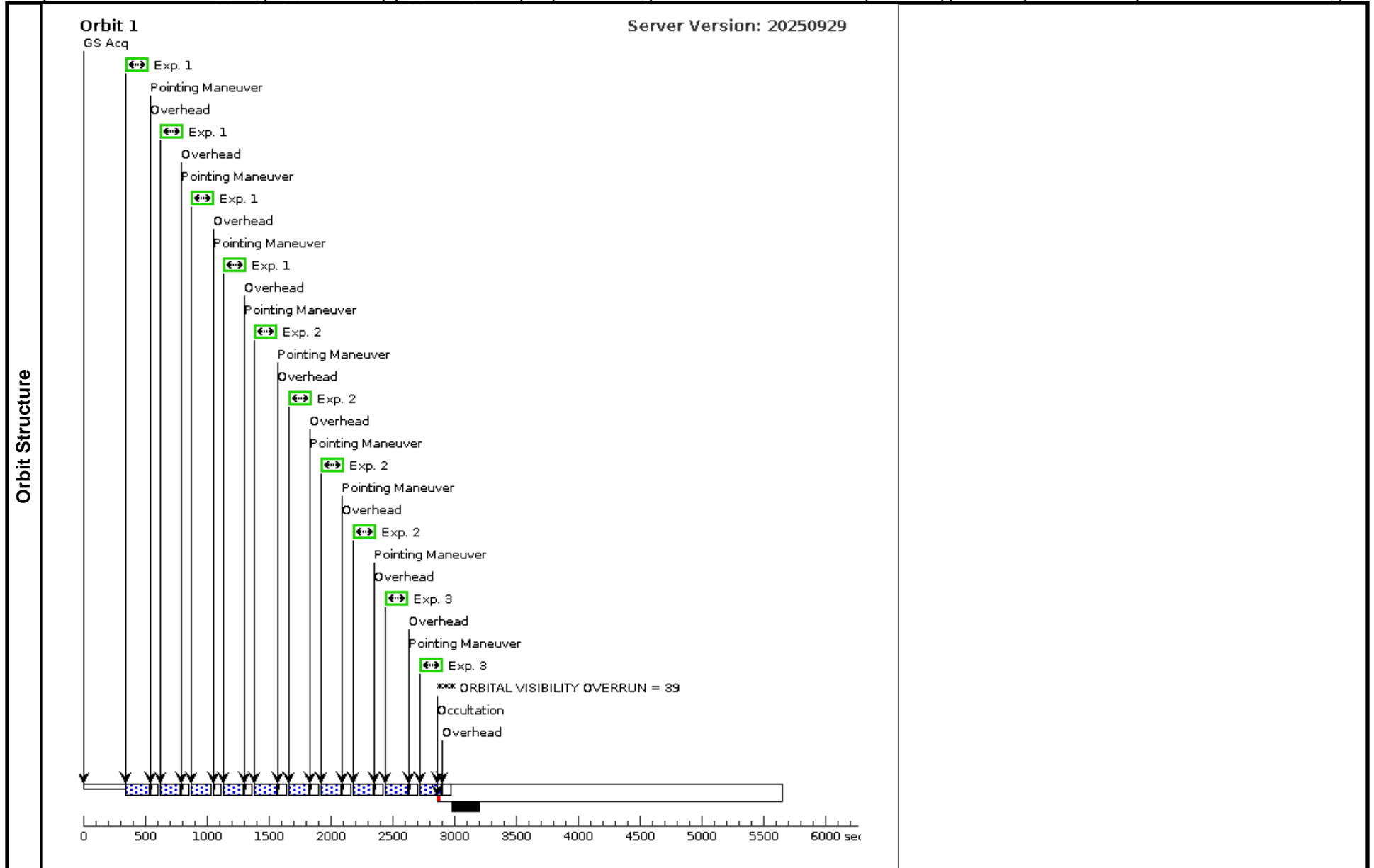
Proposal 17796 - SN bright SN2025ngi first visit (12) - Tracing the mass-loss history from type II supernova explosions back through...

<b>Visit</b>	Proposal 17796, SN_bright_SN2025ngi_first_visit (12), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 02-SEP-2025:00:00:00 AND 05-SEP-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	<b>Diagnostics</b> (SN_bright_SN2025ngi_first_visit (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)					
(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2)						
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(10)	SN2025NGI	RA: 21 12 11.0000 (318.0458333d) Dec: -57 16 17.70 (-57.27158d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=17	Reference Frame: ICRS				
Comments: Category=STAR Description=[SUPERNOVA]										
<b>Exposures</b>	#	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(WFC3UVI S.im.193520 3)	(10) SN2025NGI	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN_bright_SN2025ngi_first_visit (12) (2)	160 Secs (648 Secs) [==>162.0 Secs (Pattern 1)] [==>162.0 Secs (Pattern 2)] [==>162.0 Secs (Pattern 3)] [==>162.0 Secs (Pattern 4)]	[1]
	2	(WFC3UVI S.im.193520 5)	(10) SN2025NGI	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=18		Pattern 2, Exps 2-2 in SN_bright_SN2025ngi_first_visit (12) (2)	160 Secs (648 Secs) [==>162.0 Secs (Pattern 1)] [==>162.0 Secs (Pattern 2)] [==>162.0 Secs (Pattern 3)] [==>162.0 Secs (Pattern 4)]	[1]
	3	(WFC3UVI S.im.193520 4)	(10) SN2025NGI	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F225W	FLASH=18		Pattern 1, Exps 3-3 in SN_bright_SN2025ngi_first_visit (12) (1)	160 Secs (334 Secs) [==>162.0 Secs (Pattern 1)] [==>172.0 Secs (Pattern 2)]	[1]



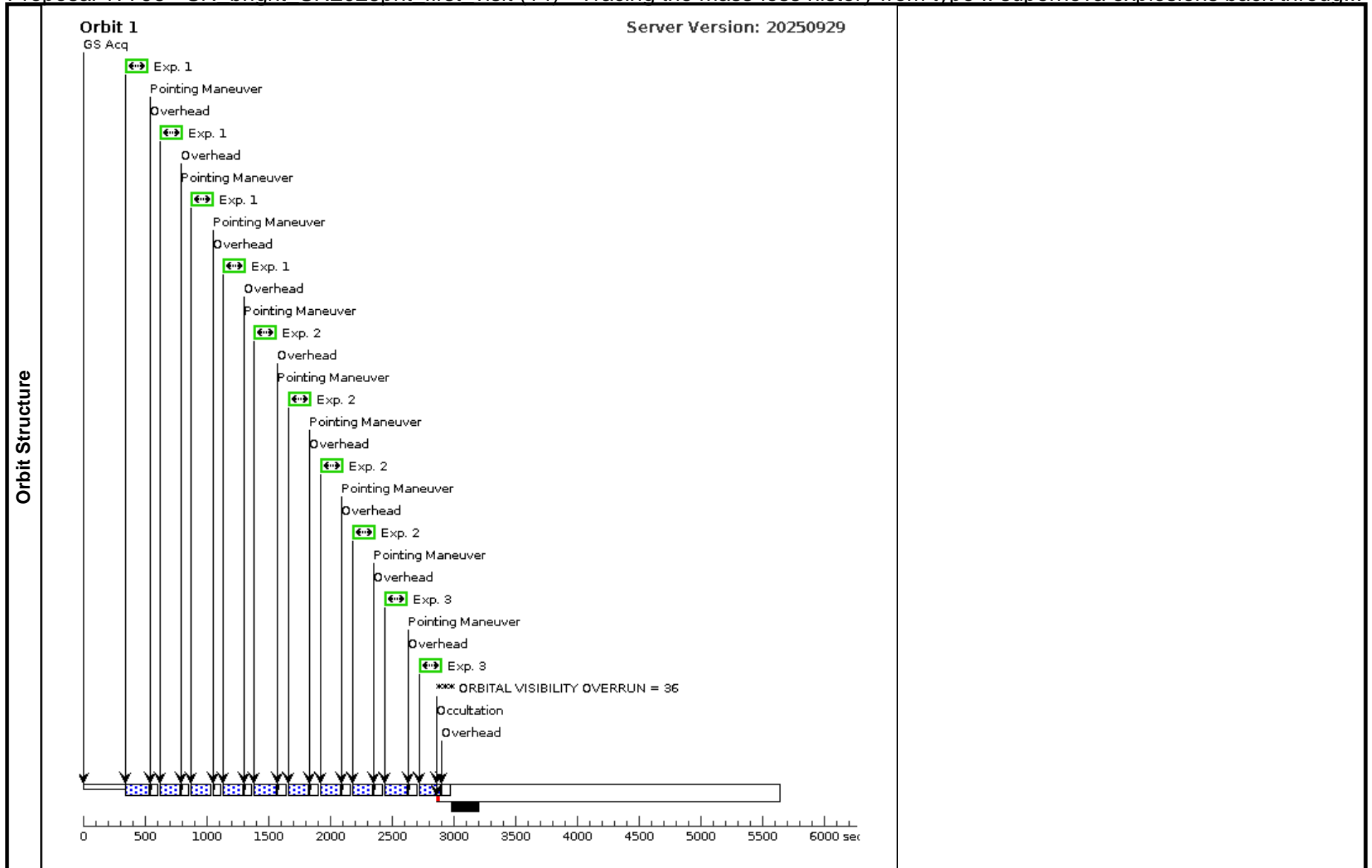
Proposal 17796 - SN\_bright\_SN2025pjax\_first\_visit (13) - Tracing the mass-loss history from type II supernova explosions back through...

<b>Visit</b>	Proposal 17796, SN_bright_SN2025pjax_first_visit (13), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 06-SEP-2025:00:00:00 AND 12-SEP-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	<b>Diagnostics</b> (SN_bright_SN2025pjax_first_visit (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)						
(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(11)	SN2025PJX	RA: 00 53 25.4130 (13.3558875d) Dec: +29 16 42.44 (29.27846d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=17.35	Reference Frame: ICRS				
Comments: Category=STAR Description=[SUPERNOVA]										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(WFC3UVI S.im.193520 3)	(11) SN2025PJX	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN_bright_SN2025pjax_first_visit (13) (2)	160 Secs (636 Secs) [==>159.0 Secs (Pattern 1)] [==>159.0 Secs (Pattern 2)] [==>159.0 Secs (Pattern 3)] [==>159.0 Secs (Pattern 4)]	[1]
	2	(WFC3UVI S.im.193520 5)	(11) SN2025PJX	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=18		Pattern 2, Exps 2-2 in SN_bright_SN2025pjax_first_visit (13) (2)	160 Secs (636 Secs) [==>159.0 Secs (Pattern 1)] [==>159.0 Secs (Pattern 2)] [==>159.0 Secs (Pattern 3)] [==>159.0 Secs (Pattern 4)]	[1]
	3	(WFC3UVI S.im.193520 4)	(11) SN2025PJX	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F225W	FLASH=18		Pattern 1, Exps 3-3 in SN_bright_SN2025pjax_first_visit (13) (1)	160 Secs (328 Secs) [==>159.0 Secs (Pattern 1)] [==>169.0 Secs (Pattern 2)]	[1]



Proposal 17796 - SN bright SN2025pht first visit (14) - Tracing the mass-loss history from type II supernova explosions back through...

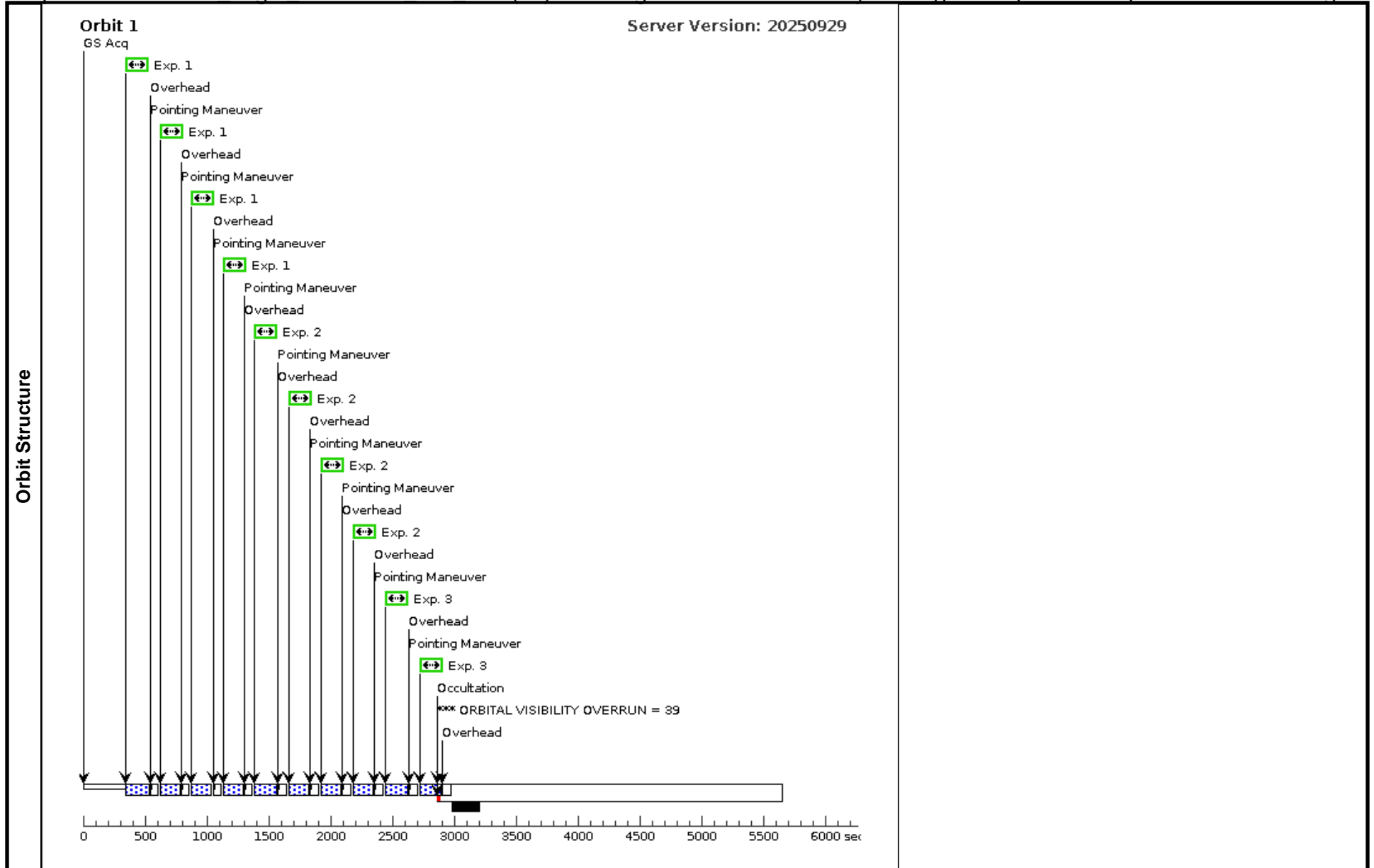
<b>Visit</b>	Proposal 17796, SN_bright_SN2025pht_first_visit (14), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 29-SEP-2025:00:00:00 AND 07-OCT-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	<b>Diagnostics</b> (SN_bright_SN2025pht_first_visit (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)						
(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(12)	SN2025PHT	RA: 04 41 28.8610 (70.3702542d) Dec: -02 51 55.61 (-2.86545d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=14.66	Reference Frame: ICRS				
<i>Comments:</i> Category=STAR Description=[SUPERNOVA]										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(WFC3UVI S.im.193520 3)	(12) SN2025PHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN_bright_SN2025pht_first_visit (14) (2)	160 Secs (636 Secs) [==>159.0 Secs (Pattern 1)] [==>159.0 Secs (Pattern 2)] [==>159.0 Secs (Pattern 3)] [==>159.0 Secs (Pattern 4)]	[1]
	2	(WFC3UVI S.im.193520 5)	(12) SN2025PHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=18		Pattern 2, Exps 2-2 in SN_bright_SN2025pht_first_visit (14) (2)	160 Secs (636 Secs) [==>159.0 Secs (Pattern 1)] [==>159.0 Secs (Pattern 2)] [==>159.0 Secs (Pattern 3)] [==>159.0 Secs (Pattern 4)]	[1]
	3	(WFC3UVI S.im.193520 4)	(12) SN2025PHT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F225W	FLASH=18		Pattern 1, Exps 3-3 in SN_bright_SN2025pht_first_visit (14) (1)	160 Secs (328 Secs) [==>159.0 Secs (Pattern 1)] [==>169.0 Secs (Pattern 2)]	[1]



Proposal 17796 - SN bright SN2025tis first visit (16) - Tracing the mass-loss history from type II supernova explosions back through...

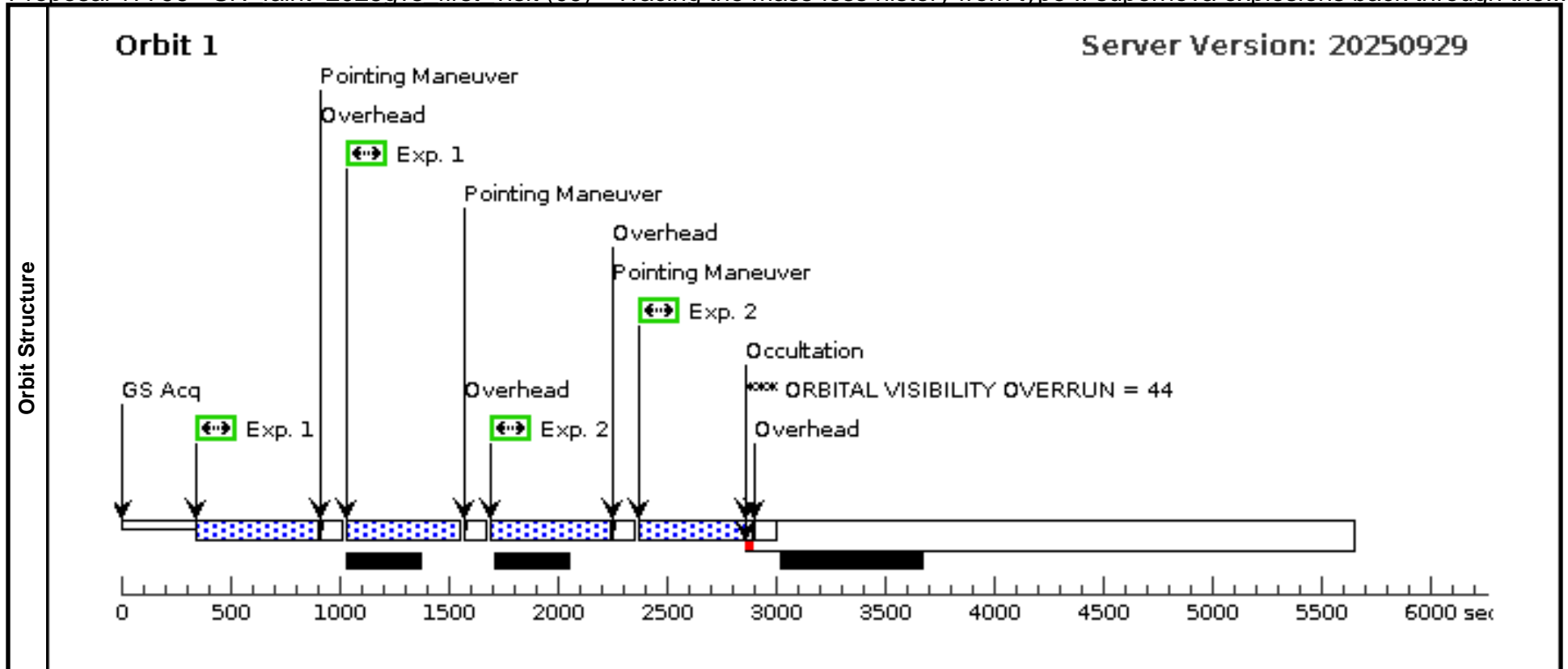
Tue Dec 02 17:01:03 GMT 2025

<b>Visit</b>	Proposal 17796, SN_bright_SN2025tis_first_visit (16), completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 18-OCT-2025:00:00:00 AND 21-OCT-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_bright_SN2025tis_first_visit (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(3)						
(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false	(1), (2)							
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(14)	SN2025TIS	RA: 03 55 22.7790 (58.8449125d) Dec: -28 09 32.68 (-28.15908d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=14.74	Reference Frame: ICRS				
Comments: Category=STAR Description=[SUPERNOVA]										
<b>Exposures</b>	#	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(WFC3UVI S.im.193520 3)	(14) SN2025TIS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F275W	FLASH=21		Pattern 2, Exps 1-1 in SN_bright_SN2025tis_first_visit (16) (2)	160 Secs (636 Secs) [==>159.0 Secs (Pattern 1)] [==>159.0 Secs (Pattern 2)] [==>159.0 Secs (Pattern 3)] [==>159.0 Secs (Pattern 4)]	[1]
	2	(WFC3UVI S.im.193520 5)	(14) SN2025TIS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=18		Pattern 2, Exps 2-2 in SN_bright_SN2025tis_first_visit (16) (2)	160 Secs (636 Secs) [==>159.0 Secs (Pattern 1)] [==>159.0 Secs (Pattern 2)] [==>159.0 Secs (Pattern 3)] [==>159.0 Secs (Pattern 4)]	[1]
	3	(WFC3UVI S.im.193520 4)	(14) SN2025TIS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F225W	FLASH=18		Pattern 1, Exps 3-3 in SN_bright_SN2025tis_first_visit (16) (1)	160 Secs (328 Secs) [==>159.0 Secs (Pattern 1)] [==>169.0 Secs (Pattern 2)]	[1]



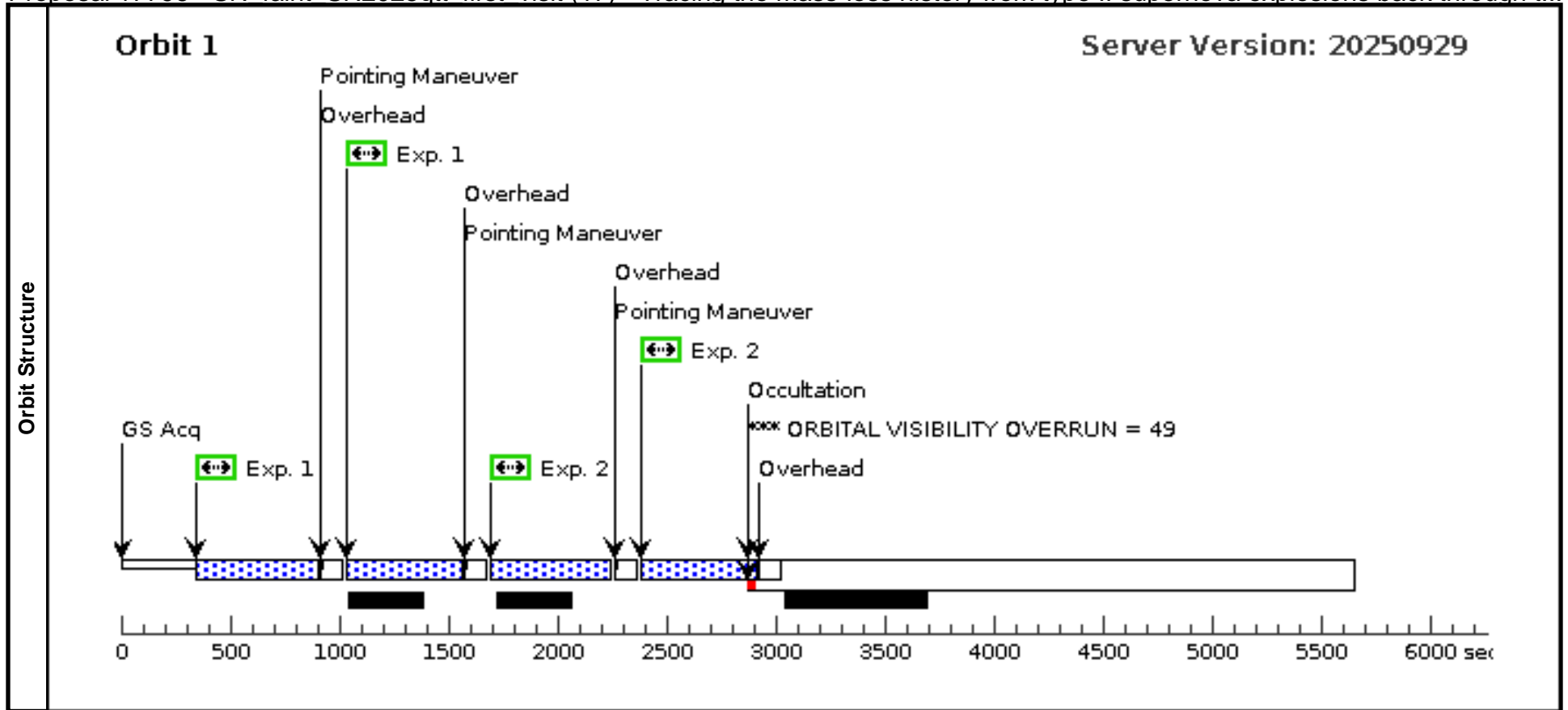
Proposal 17796 - SN faint 2025gvs first visit (09) - Tracing the mass-loss history from type II supernova explosions back through the...

<b>Visit</b>	Proposal 17796, SN_faint_2025gvs_first_visit (09), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 11-JUL-2025:00:00:00 AND 31-JUL-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_faint_2025gvs_first_visit (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER- Coordinate Frame=POS-TARG LINE Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=					(1), (2)			
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	SN2025GVS	RA: 15 50 23.3980 (237.5974917d) Dec: +25 55 10.03 (25.91945d) Equinox: J2000		V=18	Reference Frame: ICRS				
Comments: Category=STAR Description=[SUPERNOVA]										
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1935209)	(9) SN2025GVS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_2025gvs_first_visit (09) (1)	400 Secs (1052 Secs) [=>526.0 Secs (Pattern 1)] [=>526.0 Secs (Pattern 2)]	[1]
	2	(WFC3UVI S.im.1935210)	(9) SN2025GVS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_2025gvs_first_visit (09) (1)	400 Secs (1052 Secs) [=>526.0 Secs (Pattern 1)] [=>526.0 Secs (Pattern 2)]	[1]



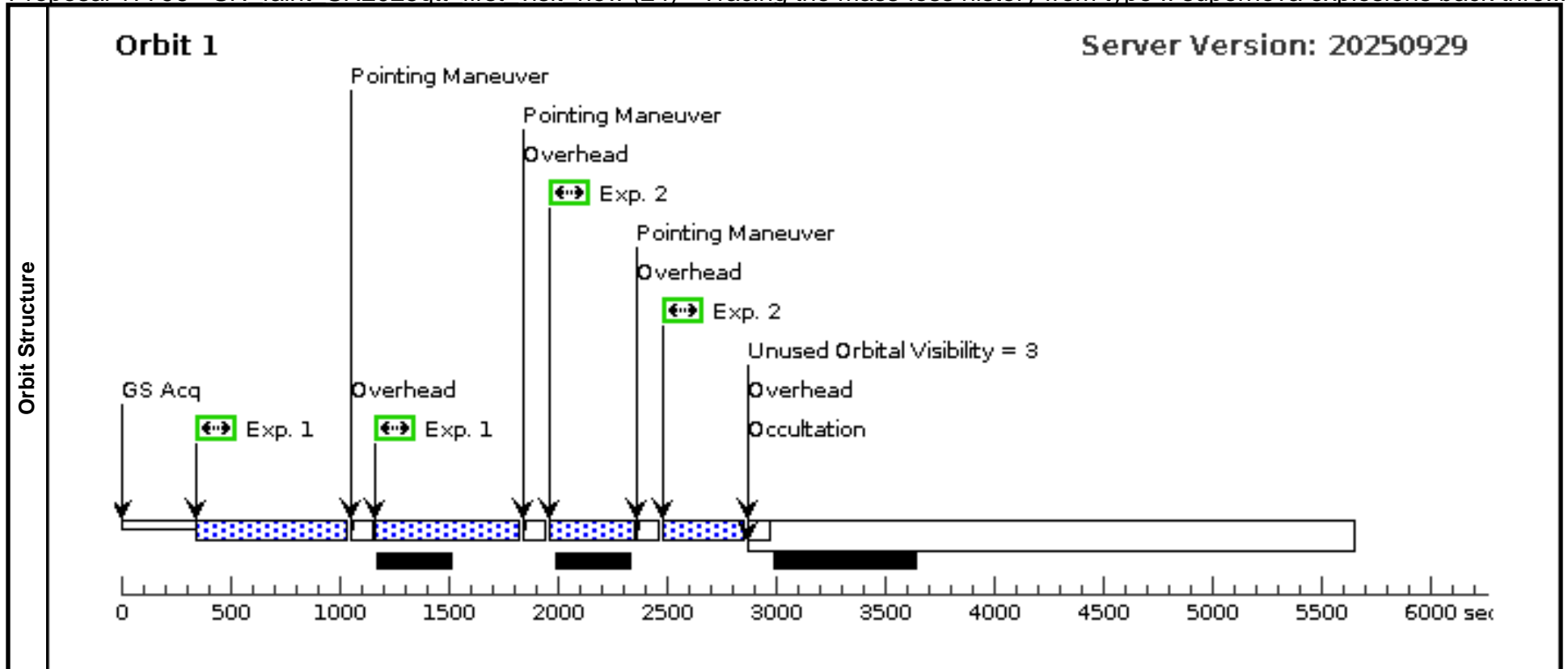
Proposal 17796 - SN faint SN2025qtt first visit (17) - Tracing the mass-loss history from type II supernova explosions back through t...

<b>Visit</b>	Proposal 17796, SN_faint_SN2025qtt_first_visit (17), failed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 30-SEP-2025:00:00:00 AND 04-OCT-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_faint_SN2025qtt_first_visit (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER- Coordinate Frame=POS-TARG LINE Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=					(1), (2)			
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	SN2025QTT	RA: 19 31 6.0010 (292.7750042d) Dec: +54 06 3.49 (54.10097d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=17.44	Reference Frame: ICRS				
Comments: Category=STAR Description=[SUPERNOVA]										
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1935209)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_SN2025qtt_first_visit (17) (1)	400 Secs (1060 Secs) [=>530.0 Secs (Pattern 1)] [=>530.0 Secs (Pattern 2)]	[1]
2	(WFC3UVI S.im.1935210)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_SN2025qtt_first_visit (17) (1)	400 Secs (1060 Secs) [=>530.0 Secs (Pattern 1)] [=>530.0 Secs (Pattern 2)]	[1]	



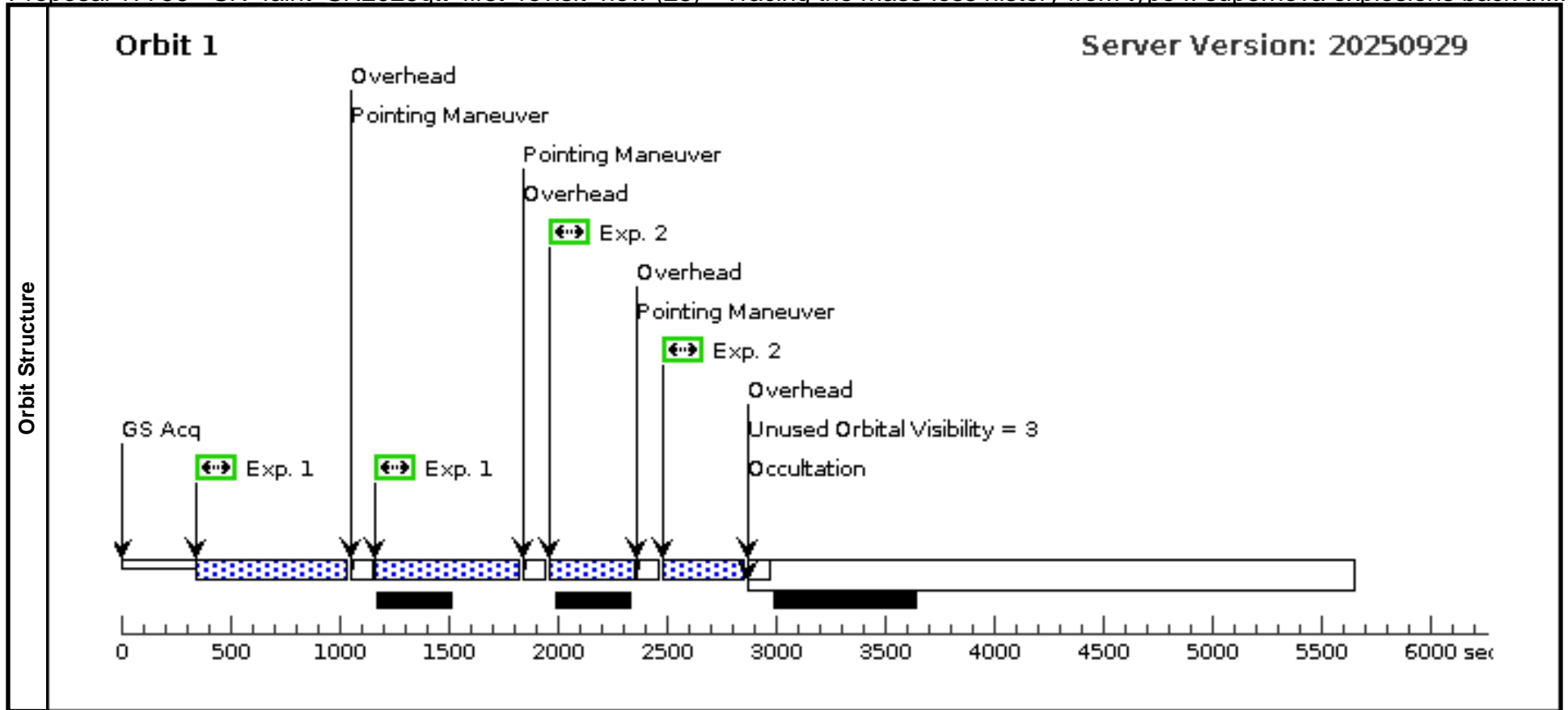
Proposal 17796 - SN faint SN2025qtt first visit new (24) - Tracing the mass-loss history from type II supernova explosions back thro...

Visit	Proposal 17796, SN_faint_SN2025qtt_first_visit_new (24), failed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 21-OCT-2025:00:00:00 AND 30-NOV-2025:00:00:00; TOO RESPONSE TIME 21.0D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1), (2)	
	(13)	SN2025QTT		RA: 19 31 6.0010 (292.7750042d) Dec: +54 06 3.49 (54.10097d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=17.44		Reference Frame: ICRS	
<i>Comments:</i> Category=STAR Description=[SUPERNOVA]											
	1	(WFC3UVI S.im.1935209)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 i n SN_faint_SN2025 qtt_first_visit_new ( 24) (1)	400 Secs (1324 Secs)		
	2	(WFC3UVI S.im.1935210)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 i n SN_faint_SN2025 qtt_first_visit_new ( 24) (1)	400 Secs (744 Secs)		
									[=>662.0 Secs (Pattern 1)]	[1]	
									[=>372.0 Secs (Pattern 1)]	[1]	



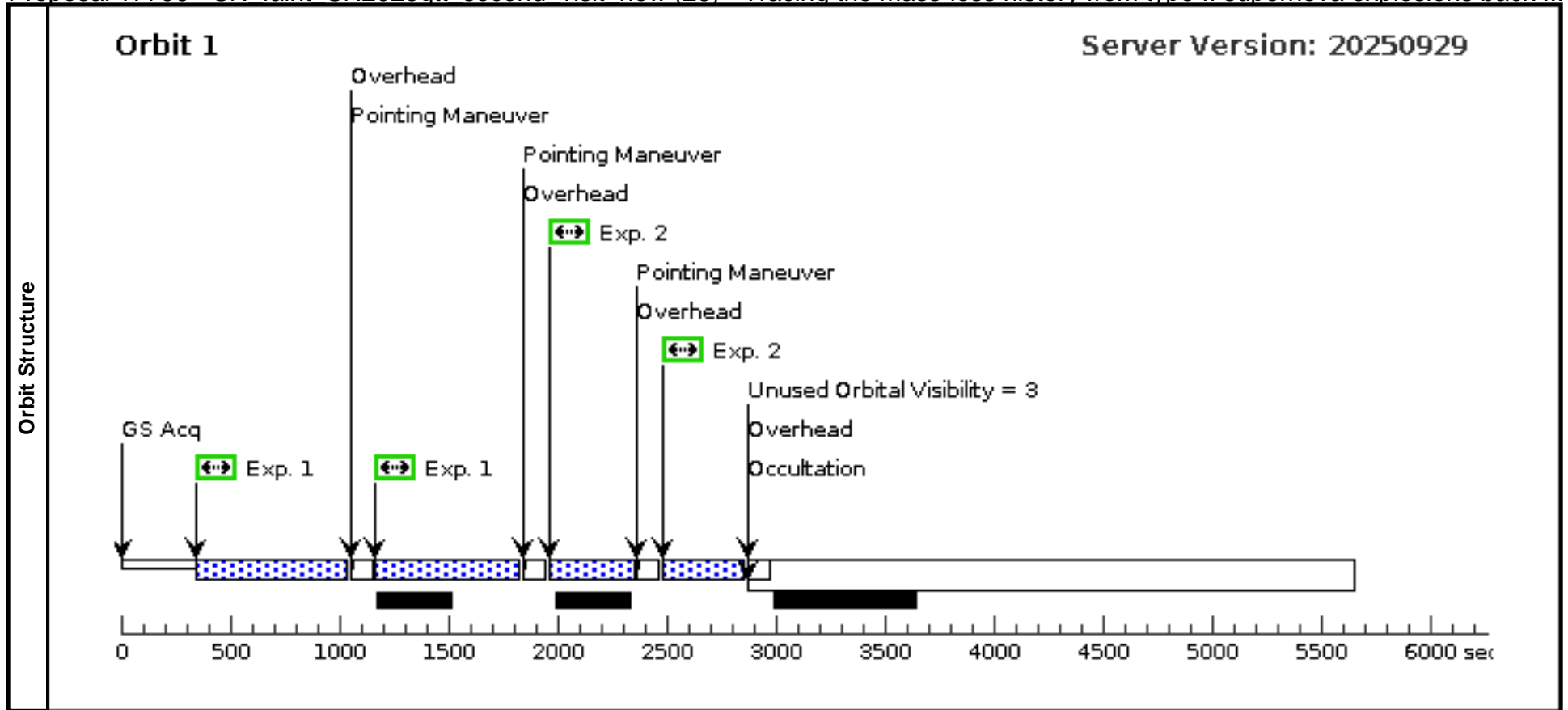
Proposal 17796 - SN faint SN2025qtt first revisit new (28) - Tracing the mass-loss history from type II supernova explosions back th...

Visit	Proposal 17796, SN_faint_SN2025qtt_first_revisit_new (28) <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 25-DEC-2025:00:00:00 AND 20-JAN-2026:00:00:00; TOO RESPONSE TIME 21.0D									
Patterns	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
Exposures <td data-bbox="142 638 254 881"># <td data-bbox="254 638 478 881">Label (ETC Run)</td> <td data-bbox="478 638 716 881">Target</td> <td data-bbox="716 638 961 881">Config,Mode,Aperture</td> <td data-bbox="961 638 1115 881">Spectral Els.</td> <td data-bbox="1115 638 1318 881">Opt. Params.</td> <td data-bbox="1318 638 1577 881">Special Reqs.</td> <td data-bbox="1577 638 1787 881">Groups</td> <td data-bbox="1787 638 1906 881">Exp. Time (Total)/[Actual Dur.]</td> <td data-bbox="1906 638 2007 881">Orbit</td> </td>	# <td data-bbox="254 638 478 881">Label (ETC Run)</td> <td data-bbox="478 638 716 881">Target</td> <td data-bbox="716 638 961 881">Config,Mode,Aperture</td> <td data-bbox="961 638 1115 881">Spectral Els.</td> <td data-bbox="1115 638 1318 881">Opt. Params.</td> <td data-bbox="1318 638 1577 881">Special Reqs.</td> <td data-bbox="1577 638 1787 881">Groups</td> <td data-bbox="1787 638 1906 881">Exp. Time (Total)/[Actual Dur.]</td> <td data-bbox="1906 638 2007 881">Orbit</td>	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1), (2)	
	(13)	SN2025QTT	RA: 19 31 6.0010 (292.7750042d) Dec: +54 06 3.49 (54.10097d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=17.44	Reference Frame: ICRS		
<i>Comments:</i> Category=STAR Description=[SUPERNOVA]										
	1	(WFC3UVI S.im.193520 9)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 i n SN_faint_SN2025 qtt_first_revisit_new (28) (1)	400 Secs (1324 Secs) [=>662.0 Secs (Pattern 1)] [=>662.0 Secs (Pattern 2)]	[1]
	2	(WFC3UVI S.im.193521 0)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 i n SN_faint_SN2025 qtt_first_revisit_new (28) (1)	400 Secs (744 Secs) [=>372.0 Secs (Pattern 1)] [=>372.0 Secs (Pattern 2)]	[1]



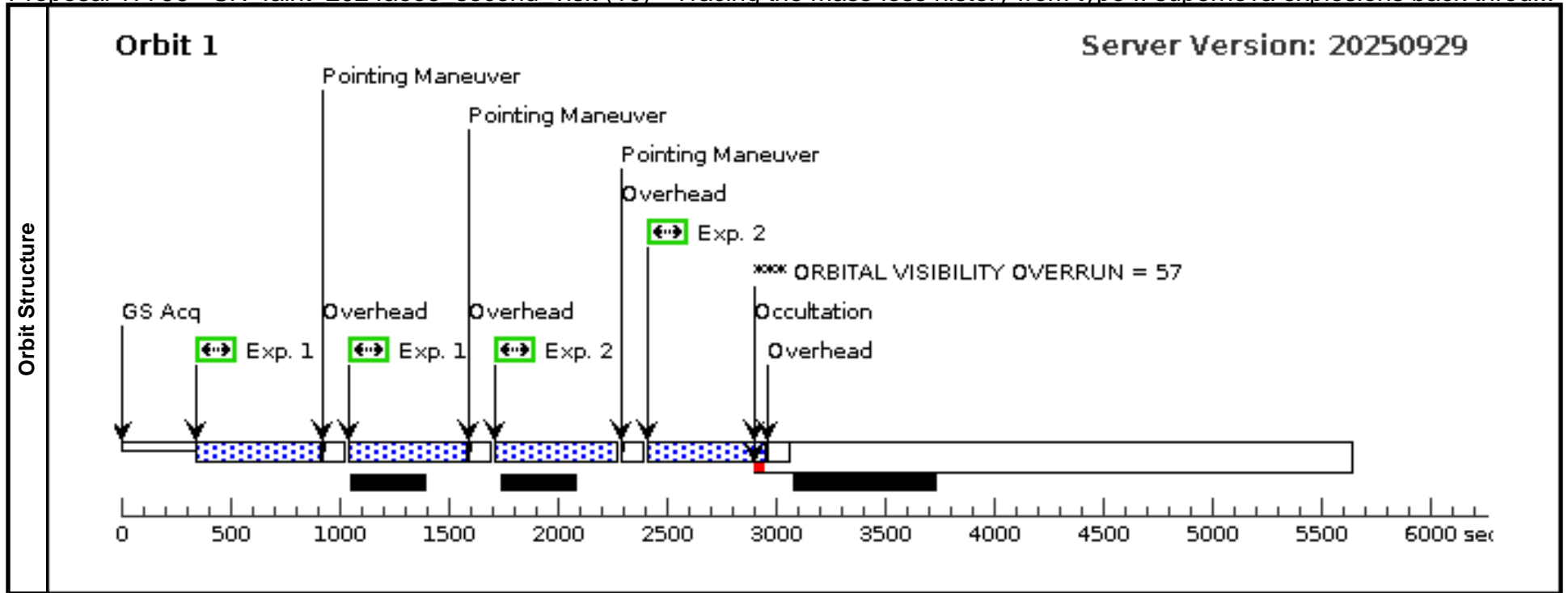
Proposal 17796 - SN faint SN2025qtt second visit new (26) - Tracing the mass-loss history from type II supernova explosions back ...

Visit	<b>Proposal 17796, SN_faint_SN2025qtt_second_visit_new (26), implementation</b> <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 03-FEB-2026:00:00:00 AND 28-FEB-2026:00:00:00; TOO RESPONSE TIME 21.0D										
Patterns	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>		
Fixed Targets	#	<b>Name</b>		<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
Exposures	#	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>		<b>Orbit</b>
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1), (2)		
	(13)	SN2025QTT		RA: 19 31 6.0010 (292.7750042d) Dec: +54 06 3.49 (54.10097d) Equinox: J2000		Proper Motion RA: 0 Proper Motion Dec: 0		V=17.44		Reference Frame: ICRS	
<i>Comments:</i> Category=STAR Description=[SUPERNOVA]											
	1	(WFC3UVI S.im.1935209)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 in SN_faint_SN2025qtt_second_visit_new (26) (1)	400 Secs (1324 Secs)		
	2	(WFC3UVI S.im.1935210)	(13) SN2025QTT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 in SN_faint_SN2025qtt_second_visit_new (26) (1)	400 Secs (744 Secs)		
									[=>662.0 Secs (Pattern 1)]	[1]	
									[=>372.0 Secs (Pattern 1)]	[1]	
									[=>662.0 Secs (Pattern 2)]		
									[=>372.0 Secs (Pattern 2)]		



Proposal 17796 - SN faint 2024ae... second visit (10) - Tracing the mass-loss history from type II supernova explosions back throu...

<b>Visit</b>	Proposal 17796, SN_faint_2024ae..._second_visit (10), completed <span style="float: right;">Tue Dec 02 17:01:03 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 19-AUG-2025:00:00:00 AND 03-SEP-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_faint_2024ae..._second_visit (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1), (2)			
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(5)	SN2024AE...E	RA: 08 14 50.9299 (123.7122079d) Dec: +73 34 43.93 (73.57887d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0		V=18	Reference Frame: ICRS			
<i>Comments:</i> Category=EXT-STAR Description=[SUPERNOVA] Extended=NO										
<b>Exposures</b>	#	<b>Label (ETC Run)</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(WFC3UVI S.im.193520 9)	(5) SN2024AE...E	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 i n SN_faint_2024ae... e_second_visit (10) ( 1)	400 Secs (1080 Secs) [=>540.0 Secs (Pattern 1)] [=>540.0 Secs (Pattern 2)]	[1]
	2	(WFC3UVI S.im.193521 0)	(5) SN2024AE...E	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 i n SN_faint_2024ae... e_second_visit (10) ( 1)	400 Secs (1080 Secs) [=>540.0 Secs (Pattern 1)] [=>540.0 Secs (Pattern 2)]	[1]



Proposal 17796 - SN faint 2024abbv second epoch (11) - Tracing the mass-loss history from type II supernova explosions back thro...

<b>Visit</b>	Proposal 17796, SN_faint_2024abbv_second_epoch (11), completed <span style="float: right;">Tue Dec 02 17:01:04 GMT 2025</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; BETWEEN 01-AUG-2025:00:00:00 AND 15-AUG-2025:00:00:00; TOO RESPONSE TIME 21.0D									
	(SN_faint_2024abbv_second_epoch (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER- Coordinate Frame=POS-TARG LINE Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=					(1), (2)			
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	SN2024ABBV	RA: 00 34 8.9000 (8.5370833d) Dec: -30 46 4.58 (-30.76794d) Equinox: J2000	Proper Motion RA: 0 Proper Motion Dec: 0	V=17	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[SUPERNOVA] Extended=NO										
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.193520 9)	(7) SN2024ABBV	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F275W	FLASH=21		Pattern 1, Exps 1-1 i n SN_faint_2024abb v_second_epoch (11) (1)	400 Secs (1050 Secs) [=>525.0 Secs (Pattern 1)] [=>525.0 Secs (Pattern 2)]	[1]
	2	(WFC3UVI S.im.193521 0)	(7) SN2024ABBV	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=14		Pattern 1, Exps 2-2 i n SN_faint_2024abb v_second_epoch (11) (1)	400 Secs (1050 Secs) [=>525.0 Secs (Pattern 1)] [=>525.0 Secs (Pattern 2)]	[1]

